

Sheep and Goat Raiser



DECEMBER, 1961

- ★ THE HOME OF THE TEXAS SHEEP AND GOAT RAISERS' ASSOCIATION
- ★ EFFECTS OF RANGE MANAGEMENT ON PARASITE CONTROL
- ★ CONVENTION PROGRAM

Articles of Lasting Interest



In May 1961, many acres of the Badger Robertson Ranch were infested with a thick growth of mesquite and underbrush.

Just three months later, Gene Connors, Range Conservationist, Soil Conservation Service, stands at the same site, hip-deep in a stand of sideoats, grama, switchgrass, green sprangle top and blue panic.



200% INCREASE IN PRODUCTION

... in six months!



The hard, rock-filled soil on the Robertson Ranch demanded the durability and power of Caterpillar track-type Tractors. Standifer Dozer Co. was able to maintain a steady work schedule with the dependable, economical machines.

Just six months ago, several hundred acres of the Badger Robertson Ranch, near Snyder, Texas, were a mass of tangled mesquite and underbrush. With only 1283 acres of land, every acre has to contribute to the ranch operation. Yet it took more than 30 acres for just one animal to exist on the brush-infested rangeland.

Armed with a Great Plains Conservation Program contract, Robertson started reclaiming the near-worthless land. Standifer Dozer Co. was hired to rootplow the wastelands in May. Using rugged Cat D8 Tractors, equipped with rootplows, dozers and seeders, the conservation contractor knocked down the heavy growth while cutting roots below the bud zone for a near-perfect kill. The rock, hard-packed soil was tough, but the tractors were tougher. The ground was shattered to prepare an excellent seedbed for the grass seed.

In just three months, lush grass stood hip high. Rotting brush held the soil and helped feed the young stand. In six months, the acres were ready for grazing. Now that one animal could grow fat and lazy on just ten acres of land — a 200 percent increase in productive capacity!

The rootplowing, backed by water conservation, terracing, waterway control and subsoiling, will put the Robertson Ranch on a sound financial operating basis in a hurry. This same program, equipment and know-how is available to *you*. Ask the range specialists at Treanor how you can start a reclamation program with assured 200% production increases!

AT YOUR SERVICE . . .

The Range Specialist at Treanor Equipment Co. is trained and experienced in conservation practices. He can recommend the reclamation method that best fits your rangelands — and budget. Lists of qualified Cat Conservation Contractors can be furnished on request. All this experience and know-how is yours for the asking, without obligation.



**Texas Range Renovation Headquarters . . .
TREANOR EQUIPMENT CO.**

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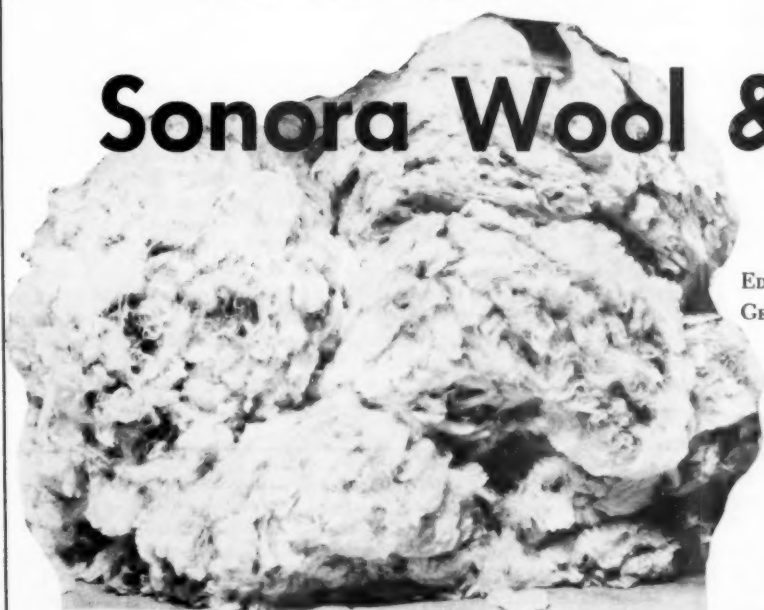
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Sheep-Goat Raiser

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\$10 FOR FIVE YEARS

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Growers can, if desired, send dues direct to Association office, San Angelo. Non-member subscriptions should be sent to magazine office direct, Box 189, San Angelo, Texas.

Second-class postage paid at San Angelo, Texas.



From Your Association Office

By TOM WALLACE
Executive Secretary

Annual Convention in Fort Worth

FINAL DETAILS and arrangements for the 46th annual convention of the Association are being completed by the office staff. The full convention program is provided elsewhere in the magazine.

Directors and members are urged to attend all sessions at the meeting and especially take part in the committee meetings which will be held Monday afternoon from 3:00 to 5:30 in marked rooms on the mezzanine floor of the Hotel Texas. The highlight of the meeting will be the lamb carcass grading demonstration at the Fort Worth Stock Yards in the Armour and Company coolers Monday, December 11, beginning at 11:00 A.M.

You will note that a number of good speakers will be on hand to discuss industry matters and the work of the national organizations. Among them will be Mrs. Catherine Caradja of Rumania, who will deliver an address on her experiences while living behind the iron curtain, and should prove to be of serious concern and interest. Dr. Henry Johnson, who will speak at the membership banquet, enjoys a national reputation as an after-dinner speaker.

Room reservations should be made by contacting the manager of the Hotel Texas, Fort Worth, Texas, or the Association office.

Membership Drive

This year our directors in two previous membership contests have added over 200 members to Association rolls. The current contest for a prize of a wool and mohair suit to the director signing up the most new members was initiated in September and considerable interest has been shown by the directors. It has been suggested that the contest be extended beyond the annual convention and through the first Association quarter of 1962 and be concluded prior to the spring meeting in sufficient time for the winner's suit to be ordered. The suit then would be presented to the winner during the spring meeting business session.

The Association membership is approaching 6,000, and with the help of our directors and members it could easily go over 6,000 by the end of the year. Recently, the Advisory committee suggested to the President that an additional secretary be added to the office staff to work on membership. With the use of county ASC incentive payment lists and other material the secretary will be able to contact many potential members of the Association. Each year several hundred members have to be dropped from the



District Five Meeting

One of the largest gatherings of Central West Texas ranchmen attended the District Five meeting of the Texas Sheep and Goat Raisers' Association at Sonora. They heard Representative James Nugent and Congressman O. C. Fisher discuss the importance of the work done by the Association in assisting them to properly represent their constituents. They emphasized that organizational work in the industry was imperative if the industry is to progress. Fred Earwood, district chairman, presided at the meeting, in which District Five directors were nominated. Light to heavy rain in the area did not prevent an excellent attendance. All enjoyed the meeting.

rolls due to nonpayment of dues and this number should be greatly reduced by work of the person in this position. New members of the Association will be welcomed with individually typed letters, whereas now the office has to resort to mimeographed form letters for work of this type.

For the information of our directors and members, list of new members gained from October to November 15 is provided elsewhere in the magazine. We hope that members and directors in the immediate area of these new members will call on them and welcome them into the Association.

New Car for Miss Wool Of Texas

Thanks to Mustang Chevrolet of San Angelo, Miss Wool of Texas will be provided a new 1962 Chevrolet Impala for her use in making appearances across the state promoting our products. The seat covers of the finest wool will be provided through the courtesy of Wool Growers Central Storage Company of San Angelo, as was done last year.

The Association expresses sincere appreciation to these companies for their continued support. A picture of the new automobile, the Miss Wool of Texas, and R. O. Sheffield, San Angelo director and member of the Pageant Committee, is included in this issue of the magazine.

Finer Qualities of Wool

The following article was issued by the International Wool Secretariat:

FIRE PREVENTION: WEAR WOOL

"Child Dies From Burns" is a headline which will appear on an average every five days in United Kingdom newspapers throughout the winter, over a report that the child's clothing caught alight.

Last year from this cause 328 persons—64 of them under the age of 14—died in the UK and thousands were injured.

In *Fire Prevention Code*, published last week by the Royal Society for the Prevention of Accidents and the Fire Protection Association, information on clothing includes the advice: "Choose

The Texas Sheep and Goat Raisers' Association will pay a reward of \$500.00 for information leading to arrest and final conviction of anyone stealing sheep or goats from a member or members of the Association. Law enforcement officers are excluded from this offer. The information must be furnished to any law enforcement officer or to the Secretary of the Texas Sheep and Goat Raisers' Association at its office, 233 W. Twohig, San Angelo, Texas. Telephone 655-6242 or 653-5612.

TEXAS SHEEP AND GOAT RAISERS' ASSOCIATION

fabrics such as wool which do not burn easily or fabrics which have been given a fire-retardant treatment."

Flame resistance is one of wool's well known qualities. Wool never flares. It merely chars or smoulders. Advice such as "Throw a wool blanket over a fire" or "Wrap him in a wool blanket" (when his clothes are on fire) is part of the language of any safety code.

Wool never has to be treated for fire resistance. Its safety is natural and will not wear out in washing or dry-cleaning, as sometimes happens to treated fibers.

When there was an outbreak of fa-

talities in the United States through "flammable sweaters" the National Board of Fire Underwriters issued this advice: "Tear off the garment. If the fire is too strong for this, smother the flame with a wool blanket or rug."

In a recent report recommending all-wool blankets for hospital use, T. A. Pressley, protein chemist on the staff of the Commonwealth Scientific and Industrial Research Organization, Australia, emphasized wool's resistance to flame. He wrote:

"Wool is normally slow burning or self-extinguishing, for when a lighted cigarette is placed on a blanket, the bedsheet resting underneath is not even scorched."

PEARL COMMUNITY PLUGS LAMB

ANOTHER MEETING in the Pearl Community Center continued the valuable work in studying the sheep industry so vital to the area and promoting its growth. The meeting was held November 13 under the chairmanship of aggressive Bobbie Manning, well known ranchman and auctioneer.

The purpose of the meeting was two-fold—to study wool and to promote area use of lamb.

The attendance was good and indicated keen interest. Lamb hors d'oeuvres and lamb sandwiches were served and appreciated.

The main speaker of the evening was James Gray, Extension Wool and Mohair Specialist of San Angelo, who

discussed sheep breeding problems, the production and care of wool and what such care means in dollars and cents to the growers.

Mr. and Mrs. James Baggett of Ozona were guests and Mrs. Baggett outlined the work of the Woman's Auxiliary of the Texas Sheep and Goat Raisers' Association and urged the women of the community to join in this industry's endeavor.

Tom Wallace, Texas Sheep and Goat Raisers' Association Secretary; Bob Milburn, Association Director, and Frank Fenton, Association Field Man, took part in explaining Association work and objectives.

A community endeavor such as this indicates the growing appreciation of the Association field work and is reflected in the significant increase in Association membership.

ERADICATION PROGRAM MEETING IN BANDERA

ABOUT 170 people attended the Bandera County meeting for the proposed screw worm eradication program. The group heard a talk by Dr. Baumhover, director of the screw worm fly control program on the Island of Curacao off the coast of Florida in 1952, and saw a movie on screw worm fly control.

Ray Wyatt, secretary-treasurer of the Bandera County screw worm program, stated that about \$2,000 was donated by ranchmen attending the meeting for the screw worm eradication program fund.

A committee was organized for the purpose of soliciting donations from Bandera County livestock raisers to aid the program.

Thomas (Bub) Keese is chairman of the Bandera County Screw Worm Program.

After the mid-November meeting, a barbecue was held for those attending.

COMMITTEE NAMED FOR STERLING COUNTY

ALVIE L. COLE, Sterling County ranchman, was selected chairman of the Sterling County Committee of the Southwest Animal Health Research Foundation at a meeting held October 30 in Sterling City. H. L. Hildebrand, ranchman and banker of Sterling City, was chosen as secretary-treasurer of the group.

Organized for the purpose of so-

liciting funds for the Screw Worm Eradication Program in Texas, the group designated the following ranchmen to solicit donations from ranch people in their respective areas: William Foster, Bill Humble, John Copeland, Jr., Riley King, Forrest Foster, J. R. Clark, L. R. Reed, Neal J. Reed, F. S. Price, Ross Foster, Clinton Hodges, Dayton Barrett, Gene Alley, and R. T. Foster, Jr. Ranch people will be asked to donate funds to the Foundation on a basis of 10c per head for sheep, goats, and swine, and 50c per head for cattle and horses—all donations for stock one year old and older.

FEED LOT SELLS

A. R. EPPENAUER, Sr., A. R. Eppenauer, Jr., and Erven Wells purchased the West Texas Feedlots Company south of Pecos about a month ago from Moody Taylor and Jack Lawhon. The company is now operating under the new name of Pecos Feed Yards, Inc. and is being operated as a feedmill and feedlots.

The Eppenaus are well known in the Southwest for their fine registered quarter horses.

Mr. Eppenauer, Jr., has moved to Pecos, as has Mr. Wells, a cattleman and a former resident of San Jose, California. Young Eppenauer ranches near Columbus, New Mexico, for many years. The two will operate the Pecos Feed Yard.

Motto for Fire Prevention Week:
Wool-dressed families are safe.

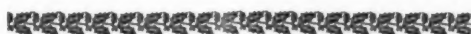
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From The President's Desk



AS THE Annual Convention time approaches and the end of my administration draws near, I wish to take this opportunity to express sincere appreciation to all of our Directors and members who have given so generously and unselfishly of their time to carry on the work for our industry. Without the help of the committee chairmen and other workers the task of President would have been a very difficult one. The success of any organization depends directly on the active support and participation of all the membership. Whenever I have asked our people to help in attending meetings or to work on some project they responded with a full effort. Also, thanks go to the office staff for their able assistance.

Our sheep and goat industry has been faced with many serious problems during the year and we have enjoyed a degree of success on certain projects and on others the fight will continue. These problems will be discussed at your Annual Convention during the committee sessions Monday afternoon and thereafter the general business meetings. I encourage all Directors and interested members to attend these meetings and give us the benefit of their advice on our problems. Wool, mohair and lamb marketing, ranch labor, taxes, and range water pollution, animal health (screw worm eradication), federal farm and ranch legislation which might be proposed in the next session of congress and state legislative matters will be discussed in appropriate committees. The Association stood firm and fought market quotas and orders on livestock as not being in the best interest of our agricultural economy and will continue to do so in the next session of congress. Core-testing of wool, wool and mohair promotion, particularly the promotion of mohair on an expanded basis, will also be discussed.

Again, thanks to those who were so helpful to my administration during the year and I will look forward to seeing you at the Annual Convention.

CHARLES SCHREINER, III, President
Texas Sheep and Goat Raisers' Association

Holiday Greetings

The SHEEP AND GOAT RAISER magazine staff joins with the president, officers, and staff of the Texas Sheep and Goat Raisers' Association, and the other Associations represented by this publication, in sending greetings and best wishes for the holiday season to our many friends.

May we extend a special "Thank You" to the fine advertisers and other supporters of the magazine and the Associations. Your friendship and continuing support to our industry are indeed appreciated.

A VERY MERRY CHRISTMAS and BEST WISHES FOR THE NEW YEAR to all of you!

Calendar

- Dec. 9 — Oklahoma Sheep Breeders Association's 12th Annual Bred Ewe and Ewe Lamb Show and Sale. Animal Husbandry Arena, show, 9:00 A.M.; sale, 1:00 P.M., Oklahoma State University, Stillwater, Oklahoma.
- Dec. 10-13 — Texas Sheep and Goat Raisers' Association's Annual Convention, Hotel Texas, Fort Worth.
- Dec. 16 — Bennie W. Edwards Registered Southdown Dispersal Sale, 12:30 P.M., Dawson County Fairgrounds, Lamesa.
- Dec. 18 — Moore Bros. - Herman Allen Angus Bull Sale, Producers Livestock Auction Company, San Angelo.
- Jan. 6 — State Finals, Texas "Make It Yourself With Wool" Contest, Texas Tech College, Lubbock.

- Jan. 11 — Concho Hereford Association's 15th Annual Sale, Fairgrounds, San Angelo.
- Jan. 12-13 — Mills County Livestock Raisers Association Sale, Goldthwaite.
- Jan. 26 - Feb. 4 — Southwestern Exposition and Fat Stock Show, Fort Worth.
- Jan. 29-31 — Wool and Lamb Short Course, sponsored by Wyoming University College of Agriculture, Laramie, Wyoming.
- Feb. 4-6 — 59th Annual New Mexico Wool Growers Association Convention, Albuquerque, New Mexico.
- Feb. 4-10 — Southwestern Livestock Show and Rodeo, El Paso. (International Range Bull Sale, Feb. 8; Southwestern Invitational Quarter Horse Sale, Feb. 7.)
- Feb. 9-18 — San Antonio Livestock Exposition, San Antonio.
- Feb. 21 - Mar. 4 — Houston Fat Stock Show and Rodeo, Houston.

New and Reinstated Members October 1 to November 15

- Aderholt, L. C., Box 874, Coleman
Asley, E. D., 801 Majestic Bldg., San Antonio
Allsua, G. W., Medina
Armstrong, S. D., 8605 Sagebrush Lane, San Antonio
Banks, H. L., 1403 N. Lauderdale, Odessa
Barker, W. E., 110 N. Washington, San Angelo
Barton, Roy, Brady
Baugh & Hatley, Box 415, Marfa
Bell, Charles H., 408 E. Adams, Brownwood.
Bell, C. M., P. O. Box 277, Crane
Bell, Cody, Jr., Crane
Benton & West, Roosevelt
Birdwell, H. A. & Son Drilling Co., 110 Santa Anna Ave., Coleman
Bishop, B. G., Melvin
Blue, Charles H., 408 E. Adams, Brownwood
Boyd, Billy, Big Lake
Bratton, Richard, Rochelle
Brucks, Milton J., Box 117, Hondo
Bruns, Jim, Junction
Burman, Bobby, Marble Falls
Busker, L. W., 12 W. Harris, San Angelo
Casbeer, Raymond E., Box 721, Goldthwaite
Chapman, Corky, Rt. 2, Coleman
Chrane, G. A., Rt. 2, Abilene
Christian, Joe M., Eldorado
Clinton, Houston & Co., Drawer J, Burnet
Colburn, Everett E., Rt. 2, Dublin
Collins, John C., Rt. 1, Box 166, Boerne
Conger, Foster, P. O. Box 636, Sterling City
Cooper, E. M., Pearl
Corder, F. P., Box 264, Uvalde
Courtney Brothers, Jonesboro
Davis, Bob, Corp., Box 52, Uvalde
Davis, Dick, Jermyn
Davis, Rodney, Sonora
De Grodt, Wesley, Hondo
Donop, Herbert, Box 442, Mason
Dorr, J. E., Box 495, Grandfalls
Dubuque Packing Co., Des Moines, Iowa
Eckert, L. R., Box 152, San Saba
Ferguson, V. T. & Son, Sterling City
Garrett, L. D., 1016 Main, Kerrville
Gerfers, A. H., Box 807, Boerne
Gibson, Ruth Harp, 125 E. Mariposa, San Antonio
Glasscock, Ray, Sonora
Gray, James F., Cherokee
Grinstead, Jim, Pearl
Hardy, L. C., Garden City
Harnes, Luther, 706 S. Concho, Coleman
Harrison, F. M. Harrison Feed & Grain, Jarrell
Hefner, Frank, Box 111, Marble Falls
Heinen, John P., Bandera
Henderson & Hoggett, Rocksprings
Henderson, Jasper, Rt. 1, Kerrville
Herbst & Klar, Boerne
Hopkins, Mrs. Barney C., Box 1094, Carlsbad, New Mexico
Hunter, Sam, 215 Hollywood, Coleman
Hyde, Warren, Bandera
Jackson, Dee, 3417 Monterrey Corpus Christi
Jackson, Jimmy, 1208 N. Pecos Ft. Stockton
Jacobs, Jim, Allison FFA Teacher, Box 91, Allison
Jacoby, Tom, Streeter
Jamison, H. S., Marble Falls
John, Pearce, Box 793, Austin
Jones, Fred and Billy, Vineyard, (Billie Yates Ranch)
Jordan, Sterling, Box 397, Mason
Kerr, Joe, 207 Park Ave., Del Rio
Kimberly, Kemper, Star Rt., Grafod
Klein, Billy, Fred, Mountain Home
Lampasas Auction, Inc., Lampasas
Lange, Roy, Kerr Rt., Fredericksburg
Lauson Ranch, Comstock
Lehmerberg, Roy E., Mason
Leonard & Winn, c/o H. N. Leonard, Box 1389, Uvalde
Lock, Harold C., Rt. 1, Gustine
Lovelace, Mrs. Chas. D., Bandera
Martin, Austin C., Box 254, Mason
Mayo, Johnny, Eldorado
Maxwell, Virgil, Rt. 3, Jacksboro
McClure Ranch, 1011 W. Belknap, Jacksboro
McCutcheon, T. C., Box 1077, Sonora
McDaniel, Box 437, Coleman
McDonald, W. C., 204 S. Hadden Dr., Fort Stockton
McGillivray & Graves, c/o L. S. Graves, Rt. 3, Gatesville
McIntyre, C. E., Rt. 1, Fort Stockton
Mehrens, Jack, Burnet
Melburn, Mrs. E. F., 512 E. 14th, Gatesville
Merritt, C. O., Hunt
Moellendorf, Edmund, Harper
Nichols, Charles W., 111 W. Acott, Stillwater, Oklahoma
Nunley, B. B., Box 884, Coleman
Peace, Herman L., Box 325, Lometa
Peacock, B. Y., Box 742, Jacksboro
Peterson, Andrew, Rt. 3, Box 27m, Wilcox, Arizona
Pope, Elmo, Hondo
Porch Estate, San Saba
Porter, Robert E., Medina
Powers, Durward L., Rt. 1, Jacksboro
Reese, Raleigh, San Saba
Richards, E. C., & Sons, P. O. Box 194, Jacksboro
Rowland, John, Jr., Del Rio
Schnelle, H. J., Marble Falls
Schuman, Mrs. E. W., 3633 Dover Place, St. Louis, Mo., (ASSOCIATE)
Scrubs, C. G., 7148 Wild Valley Dr., Dallas 31
Seake, Dr. F. E., State Hospital, Kerrville
Sepulveda, Louis, Pipe Creek
Sewell, Roy, Box 876, Coleman
Shawner, F. L., Rt. 4, Jacksboro
Simmons, Doc, Sonora
Simmons, Tom, 916 N. 10th, Temple
Six Bar Ranch, Inc., c/o H. P. Harris, 1703 Radford, El Paso
Snow, Dan, Rt. 1, Abilene
Spiller, Mrs. Norma, Menard
Stevens, Steve, Millersview
Strackbein, Edwin, Harper
Sueltenfuss, Arley, Rt. 1, Box 209, Boerne
Town House Motor Hotel, Box 72, San Angelo
U X Cattle Co., 243 N. Gerry, Uvalde
Wallace, B. M., Castroville
Wallace, Libb Mills, Sonora
Wardlaw, David, Sonora
Watkins, John C., KWTX, Waco
Watson, M. E., Jonesboro
Weatherby, Johnny, Big Lake
Webb, M. Granville, Rt. 1, Tuscola
Weir, A. C., Rt. 3, Georgetown
Wendel, L. W., Harper
Wennmohs, Fritz, Marble Falls
Whitehead & Brown, Star Rt., Del Rio
Willman, Willie Ray, Box 405, Mason
Wright, Burrows, Rt. 1, May
Younger, P. C., Rt. 1, Sunset
Zenner, Robert, Rt. 2, Fredericksburg

The Carroll Farmer Co. of San Angelo purchased the latter part of November 800 August-born lambs from J. B. Ratliff of Fort Stockton at 12 cents a pound. The lambs averaged 64 pounds. The San Angelo firm also bought 900 July-born blackface lambs from Daugherty & Newton of Del Rio. The lambs averaged 80 pounds and sold for 12 3/4 cents.

Editorial . . .

THOUGHTS ABOUT THE FUTURE

A WEST Texas lawyer was in the magazine office recently. He said that he had marked two copies of the Sheep and Goat Raiser and placed them where his ranch visitors could read without difficulty the marked articles. Both of the articles were relative to the preservation and protection of the ranch estate against serious erosion from estate or "death" taxes.

"Ranchmen just haven't waked to the fact that the situation is serious and the sooner they take steps to protect themselves the better."

Without going into details either about the problem or attempting to point out any kind of a solution, the magazine can urge at this time that the individual ranchman think about it. If in doubt, see either your lawyer or banker, or both.

Then while the ranchman is thinking—think about that will, too. It's a part of the picture and an important one. In the columns of this magazine we have carried this admonition a number of time and in many ways. Recently a West Texas banker with a

large business among ranch people declared: "These articles have been worth many, many dollars to some ranchmen. We'll never know how much. Not only have they spurred some ranch people into getting a will made but they have compelled some bankers and lawyers to get busy at their job, too."

A West Texas lawyer recently stated: "You know so and so came to see me the other day to have his will drawn. Your articles may have been the reason! He told me that when his wife died he saw a large part of the estate go to the government for inheritance taxes. He said that he wasn't going to see his children be deprived in that way and that when he died they would already have all or much of the property without taxes to speak of. And, you know, the way he set up his business it will work out that way, too."

A few thoughts and action in time will save many a ranch dollar.

The Woman's Auxiliary of the Texas Sheep and Goat Raisers' Association sponsored a lamb promotion program in Ozona, November 27. An interesting feature of the program was a Make It Yourself With Wool style show. Seventeen different lamb dishes were served.

It's a "Tops Original" for Some Fortunate Lady

Here are shown Mrs. Tops Stieler, Comfort, and Mrs. James Baggett, Ozona, with the "Tops Original" skirt which Mrs. Stieler is making and donating to the Women's Auxiliary. The skirt will be three months in the making. It is all wool felt and of an original design with much more needle work than the type that one of the leading stores of Texas sells for \$295.00. This skirt will be given away to some lucky person during the Texas Sheep and Goat Raisers' Association Convention at Fort Worth.

Meeting of the Auxiliary Executive Board

THE EXECUTIVE Board met in the conference room of the Association home, November 30. Mrs. James Baggett, First Vice President, presided in a meeting in which recommendations for the state meeting were discussed. Committee chairmen gave reports.

The Courtesy Committee of the Auxiliary met in the afternoon to plan for the Fort Worth Convention.

Those attending the Executive Committee meeting were: Mrs. James Baggett, Ozona; Mrs. Alvie Cole, Sterling City; Mrs. Worth Durham, Sterling City; Mrs. Fowler McIntire, Sterling City; Mrs. Joe Dobson, Coleman; Mrs. Jerry Puckett, Fort Stockton; Mrs. W. E. Friend, Ozona; Mrs. Aubrey DeLong, Mertzon; Mrs. Ralph Mayer, Sonora; Mrs. Adolf Stieler, Comfort; Mrs. Edwin Mayer, San Angelo; Mrs. S. M. Harvick, Ozona.

The Courtesy Committee consists of Mrs. Fowler McIntire; Mrs. V. I. Pierce, Ozona; Mrs. George Bean, Mrs. Ruby Helbing, Mrs. Edwin Jackson, all of San Angelo; Mrs. James Baggett, and Mrs. W. E. Friend. **Make It Yourself With Wool**

On December 1, District 4 finals were held under the supervision of Mrs. Percy Pace, Director, at San Angelo College.

December 2 the finals were held for District 5 in Sonora, with Mrs. Edwin Jackson, Director. District 6, Junction, Mrs. G. R. Kothmann, Director; District 8, Lampasas, Mrs. G. A. Glimp, Director; and District 10 at Trinity University, San Antonio, with Mrs. Joy K. Allard, Director.

December 9, District 1 finals will

be held at Texas Tech College, Lubbock, with Dr. Willa Vaughn Tinsley, Director; District 2, at Texas Woman's University, Denton, with Mrs. Pauline Berrymac, Director; District 3 at Crane, with Mr. C. C. Swift, Director; District 7 at Baylor University, Waco, with Miss Tetia Belle Blanks, Director; District 9, University of Houston, Miss Jo Marques, Director.

Mrs. Brownie Harvick, State Director, has been attending many of the preliminary meetings in planning the district finals of the "Make It Yourself With Wool" contests and plans to attend several of the district finals.

The state final will be held at Texas Tech College, Lubbock, January 6.

SCREW WORM ERADICATION

IT IS refreshing to observe several things happening in the widespread area of the range country. One of them is the initial success of the fund collection campaign for screw worm eradication. Ranchmen seem to have taken the project seriously, and although the fund raising is barely started, heartening reports of success are found almost everywhere.

Newspapers of the Southwest, too, have generally given an objective and friendly reception to the fund raising program and screw worm eradication plans. Perhaps they realize the almost unimaginable good which will result from control of the costly pest. The newspapers, then are to be thanked for their cooperation. Such help is timely, vital, and most appreciated.

Even some of the area's most wealthy ranchmen, who have paid little attention in the past to most of the cooperative efforts of the ranch people, are indicating interest. A few could afford to donate most liberally to the research foundation which is to be in charge of the funds. It is certain that the ranch land from which the wealth was derived is much closer to heart and home than some of the fantastic and incomprehensible programs of "foreign aid" and "give away." It is under such government programs that both the income tax and inheritance tax money would be spent, at least in part.

It is only common sense, therefore, to keep all such money at home where it can help home people. It is hoped that this will be considered most seriously. The Southwest Animal Health Research Foundation is a most worthy organization.

DEADLINE

INFORMATION of Auxiliary activities for publication in the Sheep and Goat Raiser should reach the magazine office not later than the 25th of the month preceding date of publication.



Texas Sheep and Goat Raisers' Association

Convention Program

CONVENTION HEADQUARTERS — HOTEL TEXAS

SUNDAY, DECEMBER 10

2:00 to 6:00—
Registration Mezzanine

2:30 —
Budget Committee..... Shorthorn Room

MONDAY, DECEMBER 11

9:00 to 5:00—
Registration Mezzanine

10:00 to 11:00—
Convention Site Committee
..... Junior Ballroom D

10:00 to 10:30—
Informal Directors Meeting
..... Santa Gertrudis Room

11:00 to 2:00—
Lamb Grading Demonstration
..... Fort Worth Stockyards
(Buses depart Hotel Texas at 10:45 for
Stockyards and return 2:15). (Lunch will
be served at the Stockyards Cafeteria).

3:00 to 5:30—
Committee Meetings
(Meetings will be held in marked rooms of
the mezzanine floor)

7:00 to 9:00—
Reception..... Grand Ballroom 5

8:30 to 12:00—
Dance..... Grand Ballrooms 1 and 2

TUESDAY, DECEMBER 12

7:00 to 8:30—
Past Presidents' Breakfast Junior Ballroom A

9:00 to 12:00—
Registration Mezzanine

9:30 to 12:00—
General Session Grand Ballroom 5
Call to Order.....
..... President Charles Schreiner, III
Invocation..... Dr. Homer Ritchie
Pastor First Baptist Church
Address of Welcome.....
..... Honorable John S. Justin, Jr.
Mayor, City of Fort Worth
Response to Welcome.....
..... L. M. Stephens, Lometa
Address..... Penrose B. Metcalfe
President National Wool Growers
Association, San Angelo, Texas
Address..... Don Clyde, President
American Sheep Producers Council

Address.....Mrs. Evadna Hammersly
American Sheep Producers Council,
Denver, Colorado

Panel.....Lamb Feeding
Moderator — Jerry Puckett, TS&GRA
Lamb Committee Chairman

1:30 to 5:00—
Business Session.....Grand Ballroom 5
President's Report.....Charles Schreiner, III
Secretary-Treasurer's Report.....
..... Tom Wallace
Address.....Dr. Harold R. Lundgren
Chief, USDA Wool and Mohair
Laboratory, Albany, Calif.
Recognition of Service to the Association
Committee Reports
Report on Proposed Australian-New Zealand
Tour
Meeting of Texas Sheep Council

7:30 —
Annual Membership Banquet.....
..... Grand Ballrooms 4 and 5
Address.....Dr. Henry M. Johnson
Fort Worth, Texas
Entertainment

WEDNESDAY, DECEMBER 13

9:30 to 12:00—
Business Session.....Grand Ballroom 5
Presentation of Awards to State Winners of
Sheep and Wool, Goat and Mohair
Contest and Range Management Dem-
onstration
Presentation of Awards to Outstanding
County Agricultural Agent and
Vocational Agriculture Teacher
Address.....Honorable O. C. Fisher
U. S. House of Representatives,
San Angelo, Texas
Address.....Mrs. Catharine Caradja,
Roumania
Report.....Mrs. Floyd McMullan,
President TS&GRA Ladies Auxiliary,
Big Lake, Texas

1:30 —
Business Sessions.....Grand Ballroom 5
Committee Reports
Report of Resolutions Committee
Announcement of 1962 Directors
Election of 1962 Officers
Selection of 1962-1963 Convention Sites
Drawing for Door Prize
Adjournment
Meeting of 1962 Directors
Adjournment

PROGRAM

LADIES AUXILIARY

MONDAY, DECEMBER 11

9:00 to 11:00—
Coffee.....Grand Ballroom 5
Husbands are invited

11:00 —
Board Meeting.....President's Suite

1:00 —
Luncheon.....Grand Ballroom 5
Business Meeting
Call to Order.....Mrs. Floyd McMullan,
President
Invocation.....Rev. Lamar Smith
Pastor, First Methodist Church
Address of Welcome.....
..... Mrs. M. M. McKnight
Fort Worth City Council
Response to Welcome.....Mrs. E. F. McEntire
Presentation of Miss Mohair and
Miss Wool of Texas
Annual Report of Officers
President.....Mrs. Floyd McMullan
Vice President.....Mrs. James Baggett
Second Vice President.....Mrs. Alvie Cole
Secretary.....Mrs. W. E. Friend
Treasurer.....Mrs. Joe Dobson
Historian.....Mrs. Gayle Dudley
Annual Report of Committee Chairmen
Education.....Mrs. Sadie Wilkerson
Finance.....Mrs. Worth Durham
Lamb and Goat.....Mrs. Ralph Mayer
Publicity.....Mrs. Stanton Bundy
Promotion
Miss Wool and Miss Mohair.....
..... Mrs. Adolph Stieler
Make It Yourself With Wool.....
..... Mrs. S. M. Harvick
Legislative.....Mrs. Jerry Puckett
Hospitality.....Mrs. Fowler McIntire
Report of Resolutions Committee
..... Mrs. Ray Wyatt
Adjournment

TUESDAY, DECEMBER 12

8:30 —
Past Presidents' Breakfast Junior Ballroom D

10:30 —
Buses depart Hotel Texas for Tour of
Interesting Points in Fort Worth

12:00 —
Luncheon and Style Show.....
..... Shady Oaks Country Club

Rambouillet Ramblings

By MRS. A. D. HARVEY

IN THE 17th Annual Grand National Livestock Exposition, San Francisco, October 27 - November 5, Glenn Maddux, Bakersfield, California, took about all the honors in the Rambouillet division. He had Champion Ram, Champion Ewe, Reserve Champion Ewe, and 11 firsts.

We have recently had a letter from the National Lambing Contest. Excerpt: "We all know, because it has been proven time and again, that prolificity is a heritable characteristic. It becomes a breed characteristic only when the majority of the breeders of a particular breed strive to obtain it in their stock." If you are interested in proving the high prolificity of your Rambouillets, enter the 1962 National Lambing Contest. Entry blanks and prize list are free and there is no entry fee. Just write: National Lambing Contest, Elverson, Pa.

Our congratulations to Texas A. & M. College's Senior Wool Judging Team for again taking top honors in Kansas City's American Royal Livestock Show wool contest. A member of the team, Scotty Menzies of Menard, is a member of this Association.

The National Wool Growers Association of South Africa has scheduled

a fleece competition for April 10-23, 1962, in Johannesburg. The Association is most anxious to secure entries from the United States and has issued a cordial invitation to growers here to enter. Entry forms and additional information can be obtained from the General Secretary, National Wool Growers, Association, P. O. Box 1378, Pretoria, South Africa.

Clinton Hodges, Sterling City, Texas, sold a ram to the Ministry of Agriculture in Lima, Peru.

Dr. Port of Sundance, Wyoming, has mentioned that a Registry of Merit program has been started in Torrington, Wyoming. We are very happy to learn this and as soon as we learn more particulars, we will pass it on to you.

We welcome the following new members into the Association: Ted Fish, Sonora, Texas; Jim Fish, Sonora, Texas, and J. W. McMaster, Van Tassell, Wyoming. We are very happy to add these registered Rambouillet breeders to our membership, and hope to get to know each one better as the time passes.

We sincerely wish all of you a joyous Christmas and a peaceful and prosperous New Year.

Annual Charolais Sale Set for San Antonio, February 14

THE TEXAS Charolais and Charolais-Cross Sales Corporation will sponsor its fifth annual consignment sale during the San Antonio Livestock Exposition at 9:00 A.M., Wednesday, February 14, 1962, in the Exposition's sale barn. The auctioneer will be Walon Houck of Karnes City, Texas.

The sale will offer 124 animals, including 90 Charolais and Charolais-Cross females, 17 purebred Charolais bulls and 17 Charolais-Cross bulls.

According to Raymond Hicks, president, the corporation is very enthusiastic about this offering. All entries were screened prior to entry in the catalogue and only top quality animals were accepted. It will be the largest Charolais and Charolais-Cross sale ever held at the San Antonio Livestock Exposition.

Special trucking arrangements have been made for buyers who do not wish to ship their cattle immediately after the sale. At buyer's option, sale cattle will be delivered immediately after the sale, at the corporation's expense, to the Green Valley Cattle Company in San Marcos, Texas, for buyer's account, where buyers can make their own trucking arrangements at their convenience.

The 124 animals in the sale originate from 21 consignors and represent an outstanding cross section of some of the more prominent Charolais

cattle herds in the United States. Sale consignors are: Mrs. Q. W. Abington, Alpine, Texas; Brooks Acton, Big Bend National Park, Texas; Adams Bros., Sonora, Texas; Arthur Cavness, Marathon, Texas; Beverly Ann Chiodo, Leakey, Texas; J. M. Chittim, Leakey, Texas; Henderson Coquat Estate, Cotulla, Texas; S. Paul Cornelius, Phoenix, Arizona; Henry W. Darroh, Webster, Texas; Walter and Lucille Durst, New Braunfels, Texas; W. A. Griffin, Pipe Creek, Texas; Raymond Hicks, Bandera, Texas; Ralph W. Hutchins, Raymondville, Texas; Chester Martin, Clairette, Texas; Howard Martindale, Rocksprings, Texas; G. A. Morriss, Rocksprings, Texas; W. S. Orr, Rocksprings, Texas; O. Jack Smythe, Bandera, Texas; Triple AAA Ranch, Phoenix, Arizona; Charlie Wallis, Alpine, Texas; and Williams & Son, Brookshire, Texas.

Catalogues will be available, upon request, from the association office at 831 Majestic Bldg., P. O. Box 1201, San Antonio 6, Texas, around January 10, 1962.

The Midwest Feed Yards of San Angelo took delivery on around 1,427 whiteface lambs the latter part of November from Bill Upton of San Angelo. The average weight was around 78 pounds, at 13½ cents.

PIERCE RAMBOUILLETS

Merry Christmas



Highest Priced Ram in the Silver Anniversary Rambouillet Sale San Angelo, 1961. Sold for \$1,050. Pierce ABC Pens also Sold for Highest Price — \$390.

For Sale Now SMOOTH RAM LAMBS

REMEMBER, WOOL IS STILL YOUR BEST CROP

Pierce RAMBOUILLETS Have Nine Certified Rams, Which Is More Than All Other RAMBOUILLET Breeders Combined in the United States

The progeny test was carried on at the Sonora Experiment Station.

(A certified ram is one certified by the American Rambouillet Sheep Breeders Association for Register of Merit rams. He must have a required number of points in gaining ability, wool, style, head, horns, legs and face covering—all in one ram.) A certified ram is something to be proud of.

We deliver all rams sold. We prefer that you select them—but we will select them for you and deliver them to your ranch for your inspection—guaranteed to suit you. If not, load back on same truck at no cost to you.

P. S.—We have never had a load returned yet.

MILES PIERCE

PHONE TE 7-5932

ALPINE, TEXAS

V. I. PIERCE

PHONE 392-2398

OZONA, TEXAS

JAKE MILLER

Phone 392-2598
Ozona, Texas

Directory of Wool and Mohair Warehouses and Wool and Mohair Buyers in Texas

Wool and Mohair Warehouses

Alamo Baling and Forwarding Company
502 Wool, San Angelo 655-4266
American Conditioning House, Inc.
of Texas
130 E. Ave. B, San Angelo 653-1718
Nights 949-1784
Ballinger Baling Company 3281
Ballinger
Bandera County Ranchmen and Farmers Association
Box 205, Bandera SW 6-3342
Big Bend Wool and Mohair Company
Box 780, Alpine TE 7-2241
G TE 7-5281
Blackwell Wool and Mohair Company
Brownwood MI 3-4649
Blackwell Wool and Mohair Company
Goldthwaite MI 8-2231
Blackwell, Hollis, Warehouse Company
127 N. 16th St., Junction HI 6-2520
Blackwell, Hollis, Warehouse Company
110 McFarland St., Kerrville CL 7-4188
Blackwell Wool and Mohair Company
San Saba 78
Blackwell, Hollis, Wool Company
1121 N. Graham, Stephenville WO 5-5355
Blakensy, Joe B., Wool Warehouse
610 S. Oakes, San Angelo 655-6508
Blanco Hardware and Equipment Store
Blanco TE 3-2141
Burton Brothers
Comanche LD 3 — Local 94
Central Texas Trading Company
Box 828, Lampasas CH 2-3631
G CH 2-5182
Central Wool and Mohair Company
1405 Elm, Sweetwater BE 4-4541
Cloud, C. P. and Son CH 2-3681
Coleman Wool and Mohair Company
105 E. Liveoak St., Coleman 7700
Comfort Wool and Mohair Pool
Box 308, Comfort WY 5-3705
Crockett County Wool and Mohair Company
Box 1076, Ozona EX 2-2125
G EX 2-2124

Daniel, James L., Warehouse
Eden UN 9-4821
Decker Wool Warehouse
Box 216, Talpa PY 2-1476
Del Rio Wool and Mohair Company
Box 201, Centerville PR 5-4343
Box 1093, Del Rio G PR 5-2743
Dunop Warehouse
Llano 88
Dripping Springs Wool and Mohair Company
Dripping Springs UL 8-4202
East Texas Wool and Mohair Company
Box 201, Centerville UL 3-2566
Eden Wool and Mohair Company
Eden UN 9-3611
Eldorado Wool Company
Eldorado 24691
(After hours, 21781 and 23461)
Farmers and Ranchers Co-Op
Brady Office LY 7-2239
Warehouse LY 7-3300
Farmers Grain Company, Inc.
500 S. Washington, Fredericksburg WY 7-2144
Griffin Wool and Mohair Company
Box 106, Evant 59
Griffis, Theo, Wool Warehouse
100 San Saba St., Coleman 8574
Hamilton Wool and Mohair Company
Hamilton 315
Harris, Gay, Wool Company
Wimberley 3791
Herring and Stallings
Ballinger 3464
Highsmith, J. W., Wool and Mohair
Box 428, Menard EX 6-4539
Holt, Harry, Wool and Mohair Company
Abilene OR 4-7884
Hodges, George R., and Sons
Wool and Mohair
104 N. 6th St., Gatesville 921
Horners' Uvalde BR 8-3322
Johnson City Wool and Mohair Company, Inc.
Box 221, Johnson City UN 8-3531
Jordan, Wilson D., Warehouse
101-03 W. Commerce, Brady LY 7-2241
Junction Warehouse Company
Junction HI 6-2537
G HI 6-2828
Kirby, Jack, Company
Box 302, Meridian GE 5-2781

Lochte Storage and Commission Company
Fredericksburg WY 7-2256
Lometa Wool and Mohair Company
Lometa 90
Marfa Wool and Mohair Company
Box 535, Marfa PA 9-4041
Mason Feed Store
Mason DI 7-6649
G DI 7-6450
Mason Warehouse Association
108 Broad Street, Mason DI 7-6366
Mason Wool Company, Inc. EX 6-4501
Mitchell's Feed Mill-Wool-Mohair
Box 207, Rocksprings MU 3-2686
Ozona Wool and Mohair Company
Box 146, Ozona EX 2-2623
Night EX 2-3214
Paint Rock Wool Warehouse
Paint Rock PE 2-4224
Perkins, Glynn C., Company
302 E. 2nd St., Lampasas CH 2-5762
Producers Co-Op Marketing Association
Box 685, New Braunfels MA 5-2381
Producers Wool and Mohair Company
Converse Street, Del Rio PR 5-2231
G PR 5-3315
Querner Truck Lines, Inc.
1131-33 Austin Street, San Antonio 8, Texas Capitol 7-2277
Rahts Anna, and Company
Goldthwaite MI 8-2584
Ranchers Wool and Mohair Association
Rankin MY 3-2434
Ranchman's Wool and Mohair Commission House
400 Main St., Brownwood MI 5-9921
Ranchman's Wool and Mohair Commission House
Box 401, Ingram EM 7-2565
Reed, Martin C., Wool Warehouse
Sterling City 8-4631
Roddie and Company
504 N. Bridge, Brady LY 7-2106
LY 7-2107
Roddie Wool Scouring Company
Brady LY 8-2138
San Angelo Wool Company
504 South Oakes, San Angelo 655-6004
Sanderson Wool Commission Company
Box 607, Sanderson DI 5-2544
Santa Anna Wool Association, Inc. 8
Santa Rita Wool Company, Inc.
Box 390, 701 Rust, San Angelo 655-3320
Smith and Jones Warehouse
Box 391, Hamilton 48
Smith, Doug, Warehouse
201 N. 7th St., Gatesville 818
Sonora Wool and Mohair Company
Sonora 2-3601
Stephens, Lucius M., and Company
Box 245, Granbury RA 4-1424
Stephens and McCann
Lampasas CH 2-5431
Stephens, Lucius M., and Company
Lometa 68
Texas Wool Company
124 E. Exchange, Fort Worth MA 6-5217
United States Testing Company
1700 Cotton Exchange Bldg., Dallas 1, Texas
Uvalde Producers Wool and Mohair Company, Inc.
Drawer J, North Uvalde BR 8-5646
Uvalde Wool and Mohair Company
Box 389, Uvalde BR 8-4585
Valley Feed Company
103 N. Ave. C, Clifton OR 5-3114
Varga, J. D., Warehouse Company
Rocksprings MU 3-3511
Western Wool and Mohair Company
Menard EX 6-4588
G EX 6-4589
Western Wool and Mohair Company
16 E. 4th St., San Angelo 655-4731
G 655-4752
Western Wool and Mohair Company
Talpa
West Texas Wool and Mohair Association
Mertzon TE 5-3661
Williams, T. M., and Company
Florence ST 3-2550
Woerner Warehouse, Inc.
Box 607, Fredericksburg WY 7-2246
Wool Growers Central Storage Company
210 E. Avenue B, San Angelo 655-3780
G 655-4492

Wool Buyers

Allison, George
(Colonial Wool Company, Boston) 653-2698
Benton, Bob
(The Top Company, Boston) 655-6004
San Angelo
Boutin, Dick
(Nichols and Company, Boston) CL 7-4558
Kerrville
Cloud, Weldon (Independent Buyer) CH 2-3681
Lampasas
Davis, Henry D.
(Stevens and Company, Boston) 655-9487
San Angelo
DeMotive, Bevie
(S. Stressenger and Company, Boston) 655-3320
San Angelo
Drake, W. F. (Son)
(Commission Buyer) 655-8266
San Angelo
Field, Albert
(Nichols and Company, Boston) CH 2-3875
Lampasas
Hearn, Wylie
(Huntington Wool Company, Boston) 3464 & 3128
Ballinger
Jordan, Wilson D.
(Independent Buyer) LY 7-2241
G LY 7-2246
Brady
Lea, J. M. (Independent Buyer)
San Angelo 655-4542
Maginot, Henry
(Nichols and Company, Boston) 655-6215
San Angelo
McDonald, Carroll
(Commission Buyer) EX 6-4501
Menard
McDonald, Don (Commission Buyer) EX 6-4501
Menard
Murphy, L. M. (Pacific Mills)
(Also Commission Buyer) UN 8-3892
Johnson City
Oglesby, Blanks
(Lobsitz Mills, Inc., Nutley, N. J.) 655-4303
San Angelo
Ragland, Louis
(Collins and Rowbotham, Boston) HI 6-2327
Junction
Richey, Tom (Independent Buyer)
Lampasas, San Angelo
(In San Angelo, Town House Hotel) 655-4191
Shield, G. W. (Independent Buyer)
San Angelo 949-4284 & 949-4944
Taylor, Jack
(Forte, Dupee, Sawyer, Boston) CL 7-5166
Kerrville
Vaughan, J. W.
(The Top Company, Boston) 655-7783 & 655-6004
San Angelo
Webre, C. J., Jr.
(Forte, Dupee, Sawyer, Boston) 949-4292
San Angelo
Woodward, Earnest G.
(Emery Wool Company, Boston) 655-5216
San Angelo
Young, Clyde (Goodrich, Inc., Boston) CH 2-5514
Lampasas

New Mexico Warehouses

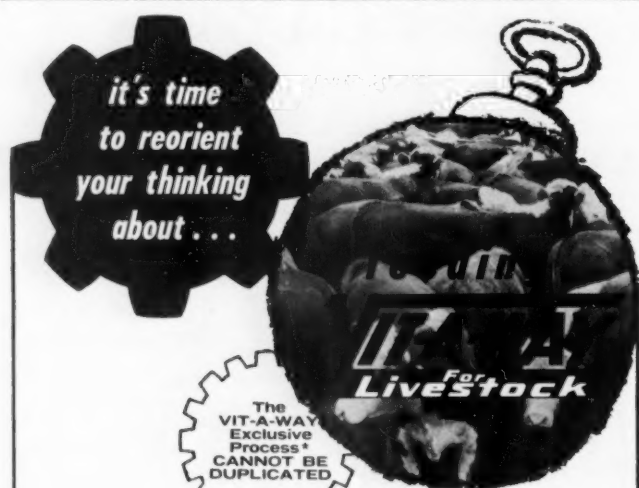
Artesia Wool Co-Op
Artesia SH 6-2391
Bond-Baker
Roswell MA 2-3360
Roswell Wool and Mohair Company
Roswell MA 2-8760
The Joseph A. Taichert Co., Inc.
Las Vegas Garfield 5-8171
Wool Warehouse
Albuquerque CH 3-5736

Where Buyers Stay

Del Rio — Roswell Hotel PR 5-2445
Fort Stockton — Sand Motel ED 6-2274
Fredericksburg — Deluxe Courts WY 7-3344
Junction — Sun Valley Motel HI 6-2505
Kerrville — Blue Bonnet Hotel CL 7-4051
Lampasas — Park Hotel CH 2-3651
San Angelo — Cactus Hotel 655-6921
St. Angelus Hotel 655-2411
Town House Motor Hotel 655-4191
San Antonio — Gunter Hotel CA 7-3241
Menger Hotel CA 3-4361
St. Anthony Hotel CA 7-4392
Uvalde — Kincaid Hotel BR 8-3311

Where New Mexico Buyers Stay

Albuquerque — Alvarado Hotel CH 7-9711
Roswell — Nickson Hotel



VIT-A-WAY's made a big change in Livestock Feeding

Twenty years ago VIT-A-WAY was unknown to livestock owners. Today, the name is synonymous with livestock feeding. VIT-A-WAY has changed the feeding habits of livestock owners across the country. They have proved how it can definitely add a plus profit to any feeding program. It takes only a few ounces of VIT-A-WAY FORTIFIER mixed in the feeds ... and VIT-A-WAY SUPPLEMENT fed Free Choice to achieve "balanced" feeding and furnish the important minerals and vitamins livestock must have. VIT-A-WAY insures the availability of these essential minerals and vitamins in a specially processed form (process patented*) to help you achieve THRIFTIER, HEALTHIER and MORE PRODUCTIVE animals that pay off with greater dividends. Feeding has advanced rapidly ... and VIT-A-WAY has too ... in the profit ratio of the feeder who uses it. Start now feeding VIT-A-WAY to your livestock.

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G. H. EMFINGER

DEAL A KNOCK-OUT PUNCH TO WINTER SLUMP IN YOUR HERD

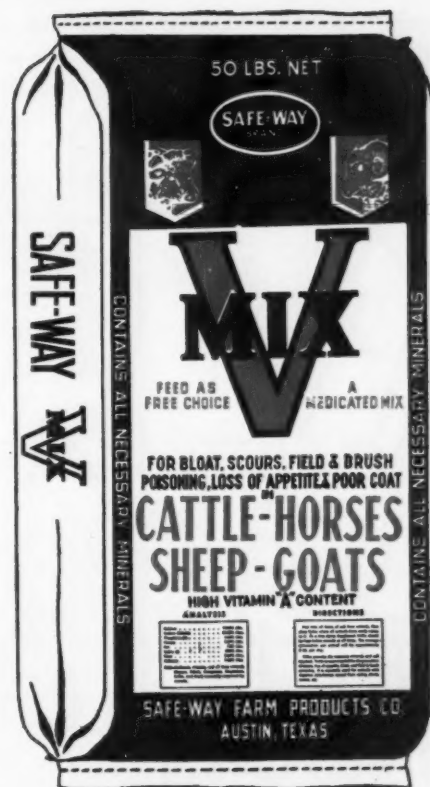
SAFE - WAY

BRAND



Free - Choice

**Animal Conditioner and
Vitamin - Mineral Supplement
For Cattle, Horses, Sheep
and Goats is the Answer**



Animals like this Free-Choice "Do-It-Yourself" way to obtain their nutritional requirements. Four ounce daily intake provides calcium, Phosphorus, Iron, salt and all the known essential trace minerals, PLUS stabilized Vitamin A and D, Methionine and other essential amino acids.

Feeding Safe-Way Brand V-Mix helps guard against scours, bloat and certain types of weed and brush poisoning.

"Winterize" your herd now with

Safe-Way's four-point "Winterizing Program —

1. When weather permits, spray with Safe-Way Brand Silver-tox to remove winter lice.
2. Drench with Safe-Way Brand Phenothiazine Drench to remove internal parasites.
3. Feed Safe-Way Brand V-Mix all winter to furnish vitamins and minerals and help prevent scours and bloat.
4. Keep Safe-Way Terramycin Stress Crumbles on hand to feed when signs of diarrhea, shipping fever, pneumonia or other stress conditions appear.

See Your Dealer or Write

Safe-Way Farm Products Co.

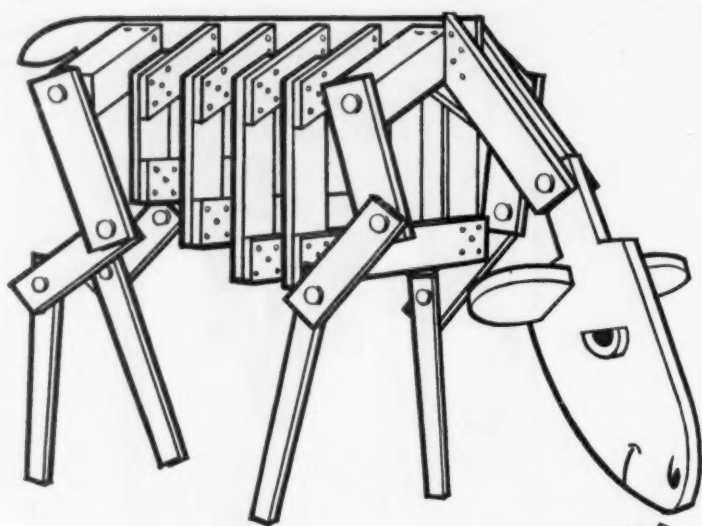
P. O. BOX 921

AUSTIN, TEXAS

ROTATION OF PASTURES IMPORTANT

Effects of Range Management On Parasite Control

By THADIS W. BOX
Range Management Department
Utah State University



Swift's MINERAL...



Framework for Growth and Gain

You would never try to build a sheep shed with flimsy 1 x 3's where sturdy 2 x 4 or 2 x 6 framework was required. Neither should you expect to build solid growth and gain with the shaky mineral framework your flock might glean from forage alone... or from a "bargain" mineral product.

Give your flock a solid framework for growth and gain with the eleven essential elements in Swift's Mineral. You can expect extra pounds worth much more than the cost of the mineral... plus a heavier wool clip.

When you want to worm, try Swift's new Phenothiazine Mineral Mixture... when you want extra phosphorus to balance out lush young grasses, try Swift's Mineral for Green Grazing. Get the Red Plaid Boxes from your local feed dealer today.

SWIFT & COMPANY, Feed Department

District Office:
Brownwood, Texas



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SHEEP AND GOAT RAISER

fect them. Parasites are well distributed in the United States with the heaviest infestations in the farm flock area of the eastern portion of our country. Parasitism is generally worse under farm conditions because as a rule sheep in farm flocks remain concentrated on smaller areas for longer periods than under range conditions.

Common Stomach Worms

The life histories of the common stomach worms of sheep and goats, with a few exceptions, are direct; that is, no intermediate hosts are required for their development. Tapeworms, flukes, and some of the parasitic protozoa require various intermediate hosts for completion of their cycles.

Roundworms

Roundworms reproduce by means of eggs. With the exception of the eggs of lungworms, which hatch in the lungs, the eggs of the parasites pass through the infected animals and are voided in the droppings. With a few exceptions, the eggs develop on pasture into infective larvae in periods varying from a few days to a few weeks, depending upon the climatic conditions. In warm weather the eggs may hatch in a few days. The general rule is if the temperature is below 40° F. the eggs remain dormant. Freezing temperatures may kill many of the eggs and larvae, although Canadian workers have found that some parasites will survive winter temperatures of -15° F. As the larvae hatch from the eggs they are very susceptible to drying, therefore the problem is more acute in warm, moist climates than in cold, dry areas. The time required for larvae to develop into the infective stage varies with the species and the climatic conditions involved. In general, if the temperature is above 70° F. development may be rather rapid, while lower temperatures retard development.

In the infective stage the larvae migrate to the stalks of grass or other plants and concentrate on the moist, protected area of the plants. Their activity is increased by moisture such as rain, dew, and fog and the chances of infection are greater when the forage is damp.

As a general rule, larvae in the infective stage are more resistant to climatic variables than are the eggs or earlier larval forms. Most information indicates that there is a rapid decline in numbers of larvae soon after re-

EACH YEAR countless millions of dollars are lost from parasites in the sheep industry. In many instances animals actually die from parasitic infections, but perhaps the greatest loss is through reduced weight loss, less meat and fiber production, lower vitality of breeding animals, and increased cost of production.

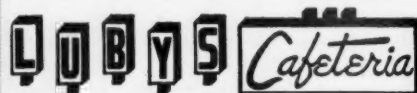
Management Program Needed

While phenothiazine and other medical treatments have greatly reduced the hazard of internal parasites, it is doubtful if medication alone will ever completely control internal parasites. If we are to do a complete job of controlling parasites on our ranges, then we must combine the modern medical treatments with basic ecological studies of parasites and build our management program around a system that will minimize the chance of reinfection after the worms have been killed or reduced in number in the animal.

There is much experimental evidence that indicates that animals with a high level of nutrition are less likely to be infected with internal pests. Likewise, it has been noted that animals that graze tall grasses are less likely to become infected since the animals eat the more tender tips of the plants while the larvae tend to congregate on the lower portion of the plant. It becomes evident that if we graze our animals on fresh ranges of high nutritive value and rest the pastures for a period sufficiently long to destroy most of the larvae, the danger of reinfection after medical treatment will be kept at a minimum.

Principal Internal Parasites

The principal internal parasites of sheep and goats are roundworms, tapeworms, flukes, and protozoa. Over 30 separate species are commonly found in sheep. The distribution of internal parasites is world-wide. Although the species and numbers may vary with geographical location and climatic conditions, wherever sheep are known to graze, there are parasites that af-



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TEMPORARY PASTURE

Utilizing available temporary pasture each year helps to prevent over-grazing of permanent pasture and aids in keeping sheep in a high level of nutrition.

moving infected animals, but the survival of a few for long periods has been recorded.

Survival studies of *Cooperia pectinata* on Texas pastures show that numbers declined from 9,050 per six-inch plot to 520 per plot in 85 days and further declined to 200 in five months. Seghetti, working in Montana, reported that most of the parasitic larvae were destroyed in two weeks after removal of infected animals, but that a small percentage survived from fall to the following spring.

Eastern workers found larvae to survive under Maryland climatic conditions for 3 to 3½ months. British workers have also reported larvae survival to be over three months. Larvae have been reported to survive under the extreme Canadian winters by Griffiths and temperatures of -15°C . for short periods in France.

Deferment

It becomes evident that if a grazing system is to be developed that will allow all the larvae to die, it must be a system of total deferment for a long period of time. Hull, working in America and Mountjoy, an Australian, recommended that pastures be kept free of the host for at least a year. Such a system of long deferment would be desirable both from the parasite control and the range recovery points of view, yet it is not an economical approach to the problem and few ranchers could afford such a system.

In many instances temporary pas-

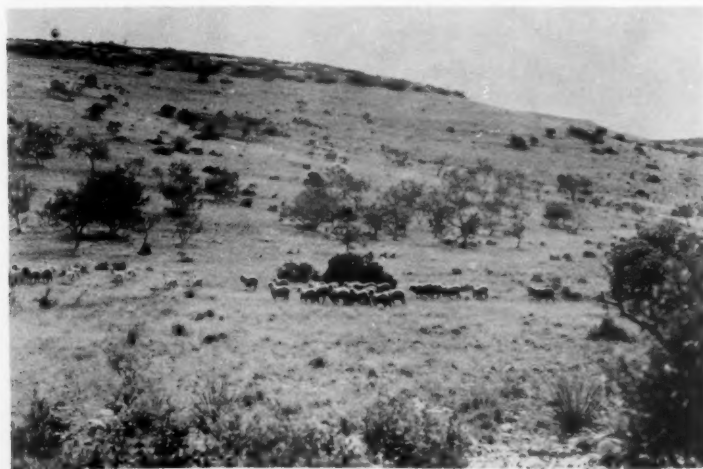
tures may be developed and the animals grazed on cultivated lands until the native ranges have lost the major part of their larval infestation. Such a system is especially suited to small farm flocks.

In open range country where sheep are herded, animals may be moved constantly and a system of resting or deferring range can be accomplished by the herder. Sheep using the federal lands where the animals are moved regularly by law, seldom have serious infestations of worms. The practice of moving sheep constantly to a new range not only keeps the sheep moving away from shed eggs and larvae, but moves them onto fresh ranges with a high nutritive value.

Workers in Scotland have reported that uneven grazing by uncontrolled sheep result in the heavy utilized portions of the pasture becoming heavily infected with larvae. Controlled grazing by a herder greatly reduced the number of parasites and resting the pasture for three weeks reduced the larval population 90 percent.

Further evidence that the larval population is directly related to the intensity of grazing has been presented by Georgia workers. These workers grazed yearling steers at heavy, moderate, and light rates on improved pastures. Forage clippings were made and parasites extracted from the forage with the following results: 100 parasite larvae were found per pound of forage on heavily grazed pastures, 106

(Continued on page 8)



PROPER STOCKING

Sheep on properly stocked ranches not only maintain high resistance to parasitic infestation but produce more wool, better crop of profitable lambs and curtail or eliminate supplementary winter feeding.

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Rotation of Pastures

(Continued from page 7)

larvae per pound on moderately grazed pastures and 25 per pound under light grazing.

Such work would indicate that improving pastures and reducing the stocking rate would help in reducing worm infestations, but from a pounds of animal per acre basis, moderate grazing usually gives the highest sustained yield. It would seem logical that if the light and moderate intensities of grazing could be maintained for short periods of time by using a grazing system such as a deferred rotation system, parasite problems would be reduced.

Systems of Rotation

Some such systems have been tried. Allen moved cattle daily on Oregon

pastures without any increase in animal gains or decrease in parasitic infestation over the control lot. Australians have recommended two systems of grazing. One system is a simple, two-pasture, on-and-off rotation where the animals are allowed to graze one pasture for 30 days and then are moved to the alternate pasture for a like time. The second system is a four-pasture rotation in which animals are moved weekly from one of the four units to another; grazing each pasture for seven days and "spelling" it for 21 days. This system was used with four 102-acre pastures and 100 ewes and lambs in South Dakota. The short rotation period not only caused a great increase in labor costs, but actually increased parasite numbers in the sheep.

TABLE 1. A suggested deferred rotation system for minimum infestation of parasites in sheep.

PERIODS	PASTURES		
	1	2	3
November - February	Defer	Graze	Graze
March - May	Graze	Defer	Graze
June - October	Defer	Graze	Defer
November - February	Graze	Graze	Graze
March - May	Defer	Graze	Graze
June - October	Graze	Defer	Graze

Robertson and Frazier compared continuous grazing and "progressive grazing" in Scotland. They grazed lambs continuously on one pasture and divided the other pasture into 10 units and changed the lambs at ten-day intervals. At the end of three months the lambs under continuous grazing had 158 stomach worms per sheep and the animals on progressive grazing had only two per sheep. It was noted that the crowding of all the animals into one-tenth the area produced a great loss of forage by trampling and animal gains were actually reduced under rotation grazing.

From the experimental evidence cited, it can be seen that short term rotation may fail to give the desired results. On the other hand, long term deferment of a year or more may not be practical from the rancher's viewpoints. However, it does seem logical that a system of grazing that would allow for a maximum decline in larval populations and at the same time increase forage production would be effective. This would be especially true if the grazing system were coupled with an effective drenching program to clean the animals before rotating them onto a fresh pasture.

A Pasture Rotation System

A pasture rotation system, from the standpoint of range improvement, must have the periods of deferment of sufficiently long duration to allow the grasses to reproduce themselves and develop adequate root system to carry them through the periods of stress. The rotation system must also be timed to get the maximum physiological response from the grasses during the rest period.

This would usually suggest a seasonal pattern of deferment, with the season each pasture is deferred being rotated each year.

The deferred period, from the standpoint of reducing larval populations, should be of sufficient duration to allow maximum reduction in living larvae, but perhaps should not be long enough to allow for death of all parasites. From the evidence cited, it would appear that a period of from 3½ to 4 months would reduce the larval population from 90 to 95 percent.

Finally, from the management standpoint, the rotation system must be practical and workable. Rotations involving moving animals at short intervals may not be satisfactory, and periods of long deferment may only be practical in cases of severe range deterioration or extreme larval infestation. The management will vary with the physical improvements of the farm or ranch. The number and carrying capacity of pastures will necessarily limit some operators to a two-pasture on-and-off rotation and allow others to use a three- or four-pasture deferred rotation system.

The Four-Pasture System

The most desirable system that would fill the requisites outlined above would be a modified version of the four-pasture Sonora system as described by Merrill and Young. The rotation pattern of the modified model is shown in table 1.

Such a system has many advantages. The period of deferment is sufficiently long to allow for 90 to 95 percent reduction in larval population.

(Continued on page 10)

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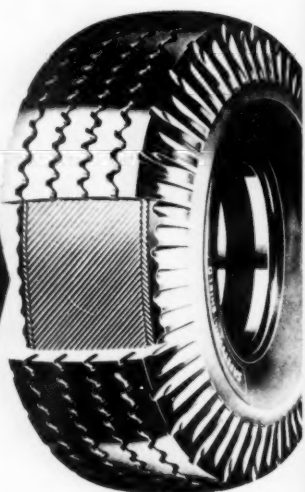
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Texas Delaine News

By MRS. G. A. GLIMP

THE ANNUAL directors meeting was held recently at the American Legion Hall in Goldthwaite. Most of the directors, officers, and pedigree committee were in attendance, and the following business was transacted:

Most are in agreement that a successful sale must be held early enough to get the best rams consigned to the sale, so the first week of May was selected, with dates of Thursday and Friday as suggested. If this time is not open, then the next week with the same week days were designated. President Watters appointed the following to the sale committee, R. R. Walston, Joe Benningfield, and George Johanson. The advertising committee to work with these men are Harold Bragg, Edgar Bradford, and Francis Kott.

A. C. Lindeman and Francis Kott were asked to serve on the committee with Mrs. G. A. Glimp to work on the booth for the San Antonio Show. We are open for some timely suggestions to make our booth attractive, so if you have any, send them to one of these, please.

There have been some inquiries to this office from foreign countries regarding our breed, prices on top quality ewes and rams, and the cost of shipping, inspections, and other pertinent questions that could arise should

a shipment ever be made. Now, if you have some top quality animals for sale and want this information passed on from your secretary, please send it to me. The price you quote should include the covering of the above mentioned expenses, too.

Time is fast approaching the deadline for your registrations to be in. Please do not make it more difficult to get these back to you in time for the major stock shows that are just around the corner. We do hope that a large number will be planning to make the complete show circuit this year.

As our Christmas season approaches we find the world in a state of confusion and concern over the nuclear war possibility. We are still most fortunate to be living in a free world, and the only way it can remain so is for each of us to realize our duty as responsible citizens. Christ came to earth that we might have life abundantly, and at this time, we should humble ourselves and ask that we might keep our country free from ungodly rulers. This is the time of year to be humble and grateful that He was sent to us, and let's pause and give thanks for His birth. May each be blessed with peace and happiness that we hope will be world-wide.

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Rotation of Pastures



DEFERRED PASTURE

Here is shown a ewe and lamb on good grass in pasture that was deferred during the summer. Deferment permitted desirable grasses to make good growth and probably was almost parasite-free when livestock was placed back on it.

(Continued from page 8)
percent of the parasite larvae to become destroyed. The length and time of deferment has been proven to increase forage production and improve conditions of range. With the increased forage and a fresh pasture to graze every four months, the chance of infection would be minimized even if there were no reduction in larval populations. The advanced nutrition coupled with low larval populations would tend to further reduce the chances of loss in weight gains from internal pests.

Such a system would be strengthened if the sheep were drenched before being moved into a deferred pasture each time during the first rotation and then drenched as often as indicated thereafter.

Since parasite numbers are decreased and animal gain increased in animals on a high plain of nutrition, it becomes logical to look at the source of feed and forage as the most important resources in a ranch sheep operation. The animals must be kept

healthy and of a high genetical potential in order to most efficiently harvest the forage produced. It becomes important, then, to manage the range for the highest sustained yield of forage and animal products consistent with conservation of our natural resources. The management practices must be designed to give the maximum physiological response from the range plants and to allow for rapid successional improvement in the plant communities. The management must also be of such a nature as to allow for uniform utilization on all parts of the range.

Recommended Practices

In order to enable the rancher to manage his rangelands for a minimum of parasites and a maximum forage production, the following practices are recommended.

1. Use a system of deferment or a deferred rotation system. In the range is extremely deteriorated, in a low stage of succession, or heavily infested with parasitic larvae, deferment for a year or more is desirable. It is recognized, however, that few practical ranching operations can afford complete deferment, therefore, a system of rotation should be used on most ranches. The rotation system used will depend upon the physical assets of the ranch. In many cases a two-pasture on-and-off system will be the most practical, while other ranches may find a three- or four-pasture deferred rotation program more efficient. Regardless of the system used, three basic requirements should be met: (1) Defer pastures for a period sufficiently long for 90 to 95 percent of the larvae to die—usually three to four months in temperate climates; (2) defer pastures sufficiently long to allow for extended grass root growth, adequate seed set, and general improvement in range condition; (3) make sure the system is practical and workable from the animal management point of view.

2. Keep the level of nutrition high in animals at all times. This should not be a major problem if range management practices are followed that will provide ample forage. However, certain unfavorable periods such as winter months and drouth periods may call for supplemental feeding. Certain problem areas may also require mineral supplements even though forage is plentiful.

3. Water developments should be well spaced and as numerous as possible. Not only will well spaced water developments help distribute the forage utilization over the entire pasture, but numerous water locations will prevent bedding and resting areas concentrated in one portion of the pasture that provide a ready source of parasitic larvae.

4. Infected animals should be treated for worms if necessary, in order to remove most of the parasites before placing them on fresh pastures.

It would be safe to conclude that the method of forage and pasture management does have a definite effect on numbers and kinds of internal parasites in sheep and cattle. However, there is a great need for both basic ecological information on the parasites and applied research on the effects of management on parasite numbers.

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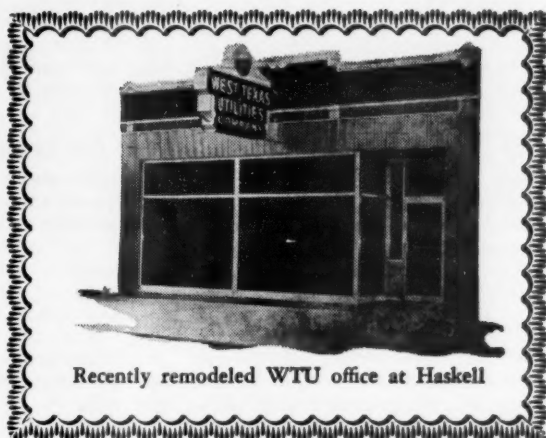
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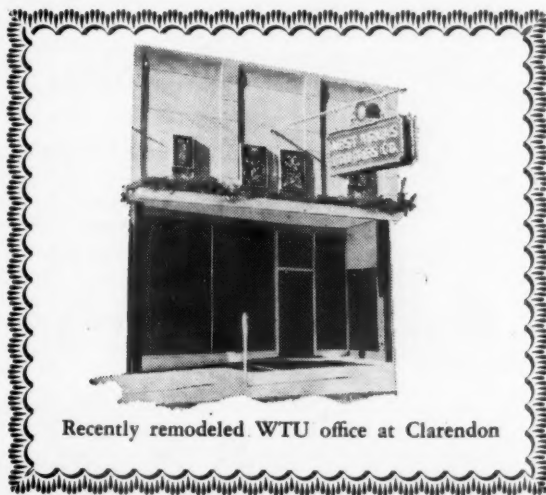
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Lamb Competition in the Meat Trade

By DR. G. ALVIN CARPENTER *

LAMB PRODUCERS need not be reminded of the competition they face in marketing their product. Experiences this past season have been tough. In all sheep producing areas there is a rising interest and urgency that something be done to improve the situation. This urgency was expressed at the National Lamb and Wool Industry Conference held in Laramie, Wyoming, August 7 and 8, and also at the Annual Convention of the California Wool Growers at San Francisco, August 10 and 11, 1961. Since that time, meetings have been held in Denver, throughout the State of California, and in other areas to urge producers to implement the recommendations coming out of these conferences and to develop a well coordinated program, which can be supported by all segments of the industry. Solution of the problems outlined in these conferences will not be easy, and there is no miracle answer. However, if the industry can pull together and concentrate efforts on the most important problem areas, significant progress can be made to relieve pressures in a worried industry.

Competition at the Retail Level

The production and distribution system in which we live today is intensely and increasingly market oriented. That is, it is dominated more and more by marketing considerations. This is true not only for lamb but for many other commodities. Each product out of the many alternatives to which consumers might turn must press hard to earn and hold its place on the supermarket shelves today. We are all aware that the number of items handled per store has been increasing greatly. The average supermarket now handles some six to seven thousand items, all competing for shelf space and the consumer's dollar. In recent years, we have seen a greater shift to the self-service type of operation in handling of meats. The impact of this development has accentuated the demand for higher quality meats. Self-service has also led to closer trimming standards for retail cuts. Customers are becoming better judges of value because of this self-service experience. They shop in different stores and recognize when one retailer is not doing as good a job in trimming as his competitor. This keeps all would-be successful retailers on their toes. The competition is keen.

The Competition Facing Lamb

Effective merchandising of any food product is greatly dependent upon having a high-quality product which meets ready acceptance in the

trade. Producers of other red meats and poultry, which compete with lamb, have made significant strides in quality improvement and standardization of products to meet trade specifications. The beef industry is promoting a better meat-type animal. The swine industry is promoting the meat-type hog. The poultry industry has improved and will continue to improve the quality of poultry products. All competitors have made significant progress in recent years. These competitors also provide a continuous and stable supply of uniform quality products throughout the year to packer and retailer outlets. Such a situation makes for more stability in price and consumption patterns, a situation which is highly desirable for large retailers who service mass distribution systems. This is the competition situation which faces lamb producers.

Lamb prices have generally been quite close to beef prices. In the late 1950's, however, retail lamb prices have been dropping while beef prices have remained relatively steady. (See chart.)

An important difficulty in selling lamb in competition with other meats is that the volume of lamb sales, as a percentage of total red meat and poultry sales, in the average supermarket, is very small. For example, of the total meat and poultry sales in the typical supermarket (as reported by Supermarket Institute) 37 percent were beef, 16 percent poultry, 16 percent pork, and only three percent lamb. With lamb making up such a small percentage of retail meat sales, it is difficult to get retailers to put forth

the same amount of personal effort in pushing lamb sales as they do in selling other competitive meats. Thus very important challenges face the lamb industry in the merchandising field.

What Can Be Done?

The first step toward improvement is to recognize the nature of the lamb merchandising problem. The lamb industry must take a good, hard look at how competitive meats are handled and the relative costs of handling. The very nature of the lamb carcass presents some important differences. Merchandising the total lamb carcass is usually less profitable than with beef and pork.

Fire Sales!

Pricing of forequarter cuts often must be low to move them at retail. Hence, prices of loin cuts and leg must be higher to make any profit on the carcass handled. This means that the better lamb cuts are often priced higher than competing meats and thus are harder to move in large volume. Low retail prices or "fire sales" had to be placed this year on the forequarter cuts, such as breast and neck, to move them at all. Examples of this could be observed in many cities in recent months.

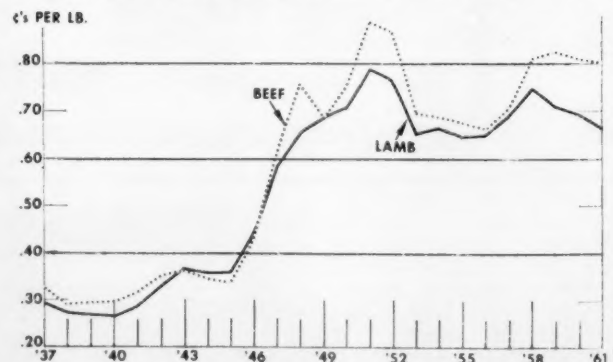
Lamb Cutting Costs High

Under usual cutting methods, the labor cost for cutting the carcass and trimming retail lamb cuts, especially the front end, are much higher per pound of salable meat than for beef or poultry. Thus, many retailers shy away from handling lamb. An hour's time of high-cost labor applied to a beef carcass, for example, yields slightly over three times as much salable meat as the same amount of labor applied to lamb carcasses. This is an economic fact that the lamb industry must recognize and try to do something about.

Research Needed

What are the alternatives to this situation? The industry may not find the answer until more research is con-

AVERAGE RETAIL PRICE OF LAMB & BEEF



WESTERN LIVESTOCK MKT. INFORMATION PROJECT

ducted as to ways and means of reducing the labor cost of cutting and merchandising lamb carcasses. Perhaps devising ways of processing the forequarters at the packer level and discovering possibilities of utilizing such processed meat in other segments of the market or in foreign export will yield results. This proposal needs research investigation, and such investigation should be supported by the whole industry.

Prejudice

It is generally recognized that consumer preference is not as high for lamb as for some of the other red meats. Many areas of the country use little, if any, lamb. Housewives generally either do not understand how to prepare or won't take the extra time to prepare lamb. Some consumers, notably many servicemen, have had unsatisfactory experience with poor quality lamb or mutton, which has soured them on the product. This prejudice is difficult to overcome, even with the best of promotional programs.

Profit Important to Retailer

In view of the competition faced by lamb in the merchandising field, it is imperative that more attention and research be given to developing more economical methods of cutting and handling so that the retailer can make a fair margin of profit; otherwise, he will shift more business to other meats. It stands to reason, that in the competitive retail world, retailers will give greatest attention to handling that product which they can sell in greatest volume to consumers and which realizes them the greatest net returns.

Volume Must Be Increased

Retailers today are doing a great deal of specification buying. Their procurement practices are set up to meet the needs of their mass merchandising and self-service system. Lamb producers must recognize that

the biggest proportion of lamb sales are made through supermarkets and chain stores. Consequently, their product must meet the specifications of these retailer outlets, if lamb volume is to be increased.

Breeding and Promotion

Although there are many things that can be done to improve the breeding of sheep that will produce a more favorable ratio of lean meat to fat and bone and a more desirable meat-type conformation, we must recognize that results will not be forthcoming immediately. We recognize the value of sound promotion and advertising programs to keep lamb before the public and move it through retail outlets. A promotion and advertising program can be more effective, however, if some of the difficult merchandising problems as mentioned above can be solved. If this is possible, then retail establishments will be more willing to handle lamb and can utilize their facilities to a greater extent to expand the use of lamb among consumers.

Imports

Much could be said about the need for controlling imports, the development of better promotion programs in areas where lamb consumption is low, the stimulation of more competitive buying of lamb, and other factors. These are all problems that are important and need to be worked on, but the real competition is found at the retail level and in methods and costs of merchandising. It is in this area where a "crash-through" program must be launched, if the lamb industry is to grow in the future.

Mohair drapes have been installed recently in the office of the American Angora Goat Breeders Association at Rocksprings. The cost for the two large rooms was less than \$150, proving that quality mohair is available at a fair price.



Separate the sheep from the wolves... with CF&I Wolf-Proof Fence

This sturdy, rust-resistant fence is the ideal way to keep sheep and goats in and predatory animals out.

The V-Mesh style, available in five different heights, is a favorite with sheep raisers because it has no sharp ends to snag sheep's wool, and because it's woven in the strongest construction known. CF&I Square Mesh Wolf-Proof Fence, offered in four heights, has closely spaced bottom wires to provide maximum protection for lambs.

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Good FEED MANUFACTURERS are paying some forty percent more money to give you "CARBOTEX" in their mixed feeds. Maybe those FEED MANUFACTURERS buy all their feed ingredients on a quality instead of price basis. Will you find them and feed their feeds for the proof?

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Texas Carbonate Company
FLORENCE, TEXAS

SEASON'S GREETINGS



Here's Hoping that 1962 Brings You . . .

- Plenty of rain . . .
- The realization that you and all your neighbors recognize the importance of the Sheep and Goat Raisers' Association and actively support it.
- The health, happiness and prosperity that you deserve and that you use these to the best advantage of your family, community and nation.
- Thanks to our customers of 1961. We hope to produce even better sheep for next year. We hope you try Noelke rams in 1962 to sire those good replacement ewe lambs that you are surely going to need.

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Washington Parade

By JAY RICHTER

NEXT YEAR should be a little better than 1961 as far as lamb and mutton prices are concerned. USDA's economists are predicting some recovery in prices in spite of the fact that overall supplies of all red meats are expected to hit a new record in 1962.

Production of lamb will go down next year. With part of this year's big slaughter coming from ewe lambs, the production potential of our sheep industry has been cut. This isn't what the Congress intended in passing the Wool Act, but it's happening anyway. USDA experts are currently guessing that per capita consumption of lamb and mutton in 1962 will be down about six percent from this year's figures.

Lamb producers are lucky in one respect. With all meat production rising, the bigger total supply might have been expected to dampen the price-boosting effect of smaller lamb supplies. This isn't likely to happen, though. Civilian employment and consumer incomes are expected to improve again in 1961, and this will bring welcome strength to meat demand and prices.

The Interior Department has taken the first steps toward adoption of a system under which local governments would be given more say in the disposal of public domain lands for private use.

What's involved is the Small Tract Law under which Interior Department can lease or sell up to five acres of public domain to any citizen for homesites, recreation, or business use.

The Department's new move is designed to make sure that disposals under the law don't saddle Western communities with developments they can't cope with and don't want.

Interior's Bureau of Land Management has announced plans for a rule under which it would review with local officials the availability of schools, water, roads, electricity, etc., before selling or leasing small tracts.

The meat industry is striking back against Agriculture Secretary Orville L. Freeman's order banning sales of "watered" hams from Federally-inspected packing houses.

Armour & Co. has filed suit in an attempt to reverse the government order. The Armour suit charges Freeman's action was "arbitrary."

Secretary Freeman is clearly more convinced than ever that farmers must be given powers—if they want them—to control production and marketing of surplus crops.

When Freeman returned recently from a month-long overseas tour, he came out swinging hard against what he called advocates of "retreat" to the policies of the Eisenhower administration.

Freeman will not make another attempt to get an across-the-board farm bill providing machinery for develop-

ment of new programs for any and all farm commodities. But he definitely is preparing to push new legislation on a selective basis including wheat and feed grains, cotton, and possibly dairy products.

USDA's annual Outlook forecast of the feed situation recently shows little change from earlier official predictions that feed costs for the coming season will average a little above levels of a year earlier.

Indications are that this will erode away some, but not all, of the prospective gain in lamb prices.

USDA's recent announcement of its grain sales policy under the 1961 feed grain program didn't really tell farmers and traders anything about how much grain the government will sell in the coming months. One important fact cleared up, however, is that USDA will continue to sell "at the market" unless prices dip below last fall's level. Also, total eventual movement of government-owned "good condition" grain to market will be cut by classifying sales of "out of condition" grain as part of the feed grain program sales.

Net farm income for 1961 now appears to be running about \$1 billion over the 1960 figure of \$11.7 billion.

This nine percent boost in the first year of the Kennedy administration would bring net income to the highest level since 1953. The Agriculture Department economists tell us that if there are no major changes in farm programs or price support levels on 1962 crops, net income for 1962 should run pretty close to this year's figures.

The national figures will be cold comfort to producers of lambs, turkeys, and other commodities which had a comparatively poor year in 1961. But the administration's farm planners needed the report badly to offset criticism of the jump in Agriculture Department spending this year.

Consumers Resent Union Strike

The Teamsters Union dairy plant



"Mr. Jackson! I restacked the feed today so that it's easier to get to."

workers and drivers who cut off milk deliveries in the nation's biggest market with their recent two-week strike in New York, may have hurt themselves in the long run.

Reports from New York dairy co-operative leaders say that the total volume of milk sales is expected to recover to pre-strike levels. But sales on the home delivery routes may have suffered permanent damage. The co-op leaders say many home delivery drivers have found their customers resentful of the strike and refusing to resume purchases. These customers apparently intend to get their milk at retail stores in the future.

A final USDA decision is expected in late December or January on two proposed regulations to increase protection for livestock producers under the Packers and Stockyards Act.

One of the proposed new rules would apply to packers who buy live-

stock for slaughter and dealers who buy for their own account. These packers and dealers would be forbidden to collect any commission, yardage, or service fees from livestock sellers.

A second new rule would apply to all market agencies handling livestock or live poultry on a commission basis. All these agencies would be required to maintain a special bank account which could be used only to pay shippers and to meet legal marketing charges.

The scheduled public hearing in USDA's blockbuster case against a group of three chain stores, seven meat packers, and two lamb dealers, meanwhile, has been set back to next February 6 at Craig, Colorado.

The packers, chains, and dealers named in the complaint which involves government charges of price manipulation, originally were scheduled to face a public hearing on November 14. The delay was granted after the parties named in the charges

asked for more time to prepare their answers.

The Kennedy administration probably will have the support of most general farm organizations in its recently-launched drive to get a renewal of the reciprocal trade program through the next session of the Congress.

Some individual farm commodity

organizations, however, may be less than enthusiastic about the administration program unless they get assurance of better protection against competition from low-priced imported commodities. The American National Cattlemen's Association and the National Milk Producers Federation are among the groups which have been urging more effective import protection.

TOMMY CALLISON WINS GOLD STAR

TOMMY CALLISON, 15, son of Mr. and Mrs. John T. Callison who live near San Angelo, has been named Gold Star 4-H Club Boy for Tom Green County. He has been active in 4-H Club work six years, his main projects being swine and poultry. He has also done a great deal of work in entomology. In the 4-H Club, Tommy is a council delegate and club reporter. His special interests are music and boating. He is a ninth grade student at Edison Junior High in San Angelo, a school newspaper reporter, a Sunday School officer and a member of the Concord Choir. In 1960 he was first in county talent show, first in Sears heavy litter contest, second in district entomology contest and county citizenship award; and in 1958 he was fifth in Sears gilt show, winner of county poultry award; and in 1959, county swine award.

KINNEY COUNTY AWARDS PRESENTED

THE TEXAS Sheep and Goat Raisers' Association's Medallion Awards were presented to Jack Whitworth and to Davis and Company at the Annual Kinney County 4-H Gold Star Awards Reception in Brackettville, November 13. Jack exhibited the Champion Finewool Lamb at the 1961 Kinney County Show, and Davis and Company had the Champion Angora buck.

Dr. W. A. Belcher, Association director, presented these and other awards.

Receiving Gold Star Pins for outstanding 4-H Club work were Sue Whitworth and Tullis Shahan. Sue, daughter of Mr. and Mrs. Bill Whitworth of Spofford, is 16 years old and has been in 4-H Club work for five years. Her major demonstrations have been with breeding sheep and fat lambs.

Tullis, 16-year-old son of Mr. and Mrs. J. T. (Happy) Shahan of Brackettville, has been in 4-H work for six years. Angus steers have been his major demonstrations.

HOLIDAY GREETINGS from "WEST OF THE PECOS"

- ★ WOOL AND MOHAIR
- ★ LIVESTOCK SUPPLIES
- ★ STOCK MEDICINES AND MINERAL BLOCKS

MARFA WOOL AND MOHAIR

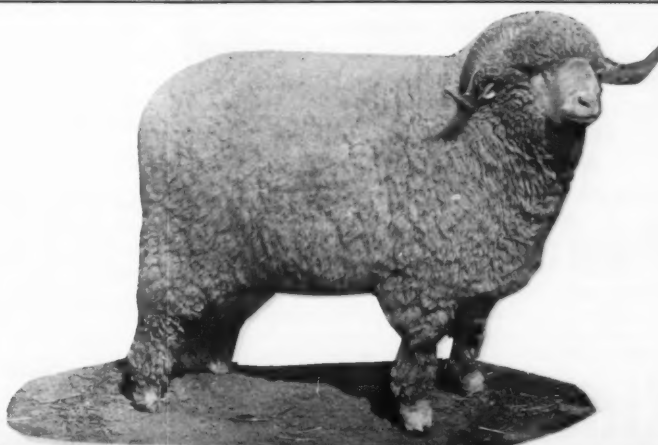
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Visitors are welcome. Come see our top quality breeding ewes, stud and range rams, and commercial ewes. Quality proven producers such as our Rambouillets insure good returns on your investment!



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AND A HAPPY
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ARMER-REID
Registered
Angora Goats
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A Recent Study . . .

Observations on Halo-Coat and Skin-Folds of Young Lambs

OBSERVATIONS were made during the spring and summer of 1961 on the incidence and relationship of various birthcoats of lambs to other factors. These observations were made on the experimental Rambouillet flock at Substation No. 14, Sonora. Birthcoats contain varying degrees of coarse fibers, commonly called halo-hair, on young lambs. Observations, generally, indicate that these fibers are shed and cause no serious concern.

All 200 of the Rambouillet lambs were scored on May 3 and August 1, 1961. On May 3 the lambs ranged in age from 12 to 81 days. When weaned on August 1, the range was from 101 to 170 days. The lambs were scored none, trace, light, medium and heavy, represented numerically as 0, 1, 2, 3 and 4. By arranging the average scores of lambs dropped in each quarter of the lambing season (69 days) the following data were obtained:

Period of Lambing Season	Halo Score	May 3, 1961 Aver. Age
First 17 days (February 10 to February 27).....	0.47	73 days
Second 17 days (February 28 to March 17).....	.797	56 days
Third 17 days (March 18 to April 4).....	.909	38 days
Fourth 17 days (April 5 to April 22).....	.886	21 days

0 - No halo-hair, 1.0 - Trace, 2.0 - Light covering, 3.0 - Med. covering, 4.0 - Dense covering

These figures indicate that the older lambs had probably shed their halo-coat some time after 60 days of age. Of the 200 lambs scored, 132 were scored as 0 or no halo-coat, 23 were scored "trace," 20 "light," 11 "medium" and 4 "dense." At weaning on August 1, only 12 lambs re-

tained evidence of the halo-hair. Generally, these lambs retained coarse fibers in the fore to rear flank area and on the britch, and represented the youngest lambs in the group.

In this initial study there was strong evidence that halo-coats were determined largely by inheritance. In the Australian Merino, researchers have found the inheritance of this trait to be 70 to 80 percent.

Based on staple-length measurements taken at weaning and adjusted for age differences, and visual estimates of spinning counts, indications are that lambs with halo-coats tend to be slightly longer-stapled and coarser than lambs not showing halo-hair at an early age. Ewe lambs tend to have denser covering of halo-hair than do ram lambs. This is in agreement with studies on Australian Merinos.

Skin-folds were also scored on the baby lambs on May 3 and again at weaning on August 1. Indications are that skin folds can be accurately detected when lambs are young, but folds tend to become obscured as their fleeces develop.

GOAT BREEDERS TO SUPPORT MISS MOHAIR

THE AMERICAN Angora Goat Breeders Association in its October meeting voted to appropriate \$500 to assist the program of "Miss Mohair."

It was the consensus of several breeders at the record association meeting that the advertising and promotion program of Miss Mohair was the most outstanding to have been developed to help the industry.

"We must try to see it developed further."

The funds will be turned over to a committee of sheep and goat raisers of the Texas Sheep and Goat Raisers' Association for use in the Miss Mohair program.

SHEEP AND LAMB IMPORTS ARE DOWN

THE FOREIGN Agricultural Service reported recently that U. S. imports of sheep and lambs in 1961 are the smallest since 1956. In the first eight months of this year, imports consisted mostly of breeding stock, the FAS report says, and points out that now that

shipments from Australia have stopped, Canada is practically the only source of sheep and lamb imports.

POOR QUALITY GOATS AT SHOWS

SOME OF the shows of Angora goats this past season were notable to some people at least for their abundance of poor quality show animals. Many of the leading breeders are deploring this type of display and feel that the show committee should not allow inferior animals to appear for judging.

"Such a display of poor quality animals detracts from the entire show and destroys what we are trying to do — improve the quality of all Angora goats. It cannot be done this way. Inferior animals should not be shown no matter how few entries in the class."

A determined move to get the breeders to take note of this fault in the shows is under way and some of the leading show officials have voiced a determination to instruct the sifting committee to weed out entirely the undesirable goats—"All of them!"

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Your business in 1961
has been appreciated,
and we solicit the opportunity
to continue serving you.

We sincerely welcome new
customers and friends!

May 1962 Be a Pleasure and Profit to You!

**HOLLIS BLACKWELL
WAREHOUSES
WOOL--MOHAIR**

Johnny Bryan Wins National Lambing Contest Award

IT TOOK more than a tornado to keep the well-bred Rambouillet ewes on the Johnny Bryan ranch near Fort Stockton from winning top honors in the National Lambing Contest for 1961. His 1,000-ewe flock raised 1,342 lambs to 90 days of age. This excellent record won Johnny the William Cooper and Nephews, Inc., trophy for outstanding performance in a commercial flock of 26 or more ewes. The award for the "Special Large Flock" also went to Bryan for his Rambouillets.

Judging committee chairman, Thomas B. King of Pennsylvania State University, announced other winners in the nationwide contest. They were as follows:

BEST LAMBING PERFORMANCE BY A FLOCK OF 26 OR

MORE REGISTERED EWES—Mrs. Hope G. Ingersoll, Cape Cod, Mass., with 27 Montadale ewes raising 42 lambs for a 155% lamb crop. Trophy awarded by the Perfect Ear Tag Co.

BEST PERFORMANCE BY A FLOCK OWNED BY PERSON UNDER 21 YEARS OLD—Gary Pilgrim, Minn., with 12 grade Suffolk ewes raising 21 lambs for 175%—the highest percentage in the contest. Trophy awarded by the Howard Bros. Mfg. Co.

HIGHEST LAMBING PERCENTAGE IN FLOCK OF 26 OR MORE EWES—Kennie Bartels, Nebraska, with 57 grade Suffolks raising 98 lambs for a 171% lamb crop. Awarded the Nelson Clarke Trophy. This flock also took first place prize money in the commercial flock class.

Greetings From HOWARD SOUTHDOWNS



Grand Champion Wether, Cow Palace, San Francisco, California. Shown by John Kroge, who also won the Champion pen.

In the open breeding shows this fall the HOWARD show flocks won 84 firsts and lost 42. Of the 42 classes lost we stood 2nd 30 times, at 13 state shows in 9 states, Missouri, Iowa, Nebraska, Kansas, Oklahoma, Texas, New Mexico, American Royal, Cow Palace, San Francisco, Calif., and the Golden Spike, Ogden, Utah.

ALL SHEEP SHOWN IN THE HOWARD SHOW FLOCKS WERE HOWARD-BRED

We do not claim to have the best sheep but we feel we have some of the qualities that the best sheep need.

We are still trying to breed a Southdown that will do well in the weather shows as well as the breeding classes.

WE ARE NOW FEATURING BRED EWES FOR SALE

Visitors and inquiries are always welcome.

Don Ella and Duron Howard

Mulhall, Oklahoma

When making the performance awards, the quality and size of the flock were taken into consideration. One percentage point for every 20 ewes was added to the actual percentages shown above.

The contest will be held again during the 1961-62 lambing season. Entry blanks may be obtained from contest sponsor, Nelson Clarke, Elverson, Pennsylvania. There is no entry fee.

Texas Sheep on Feed Nov. 1 Five Percent Over Last Year

TEXAS FEEDERS on November 1 were fattening 158,000 head of sheep and lambs for slaughter market, according to the Texas Crop and Livestock Reporting Service. This was five percent more than the 150,000 head on feed last year at this time.

A total of 133,000 head of the sheep on feed November 1 were placed on feed during September and October. This was two percent less than the number placed on feed during September and October of 1960. Sheep placed on feed before September 1 at 25,000 head were one and three-fourths times greater than the 14,000 head placed on feed prior to September 1, 1960.

Sheep and lambs on feed November 1 were generally heavier this year than last year. Those weighing over 100 pounds totaled 10,000 head on November 1 this year, compared with 3,000 head a year earlier. Fifty-eight thousand head weighed from 80-90 pounds—20 percent more than a year earlier. Those weighing less than 80 pounds totaled 90,000 head—nine

percent less than the 99,000 head in this weight group a year earlier.

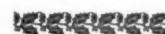
Rains during early November gave promise of good small grain pasture if warm weather lasts. Range grass is plentiful over the majority of the state.

WOOL COOPERATIVE PLANNED

PRELIMINARY plans were made at a meeting of 25 ranchmen at Menard, October 28, for the organization of a producer's wool and mohair cooperative. A temporary board of directors elected includes H. E. Parish, Chairman, and Hugh Bob Spiller, Melvin Wilhelm, Winston Sheen, B. K. Neel, M. H. Callan, and Max Menzies. The directors were instructed to proceed with organization and incorporation. Wool and mohair producers were invited to contact the chairman or other directors for information if interested in the cooperative.



MAY YOUR CHRISTMAS AND NEW YEAR
BE FILLED WITH COUNTLESS BLESSINGS

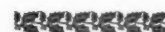


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BERT KINCAID, JR.

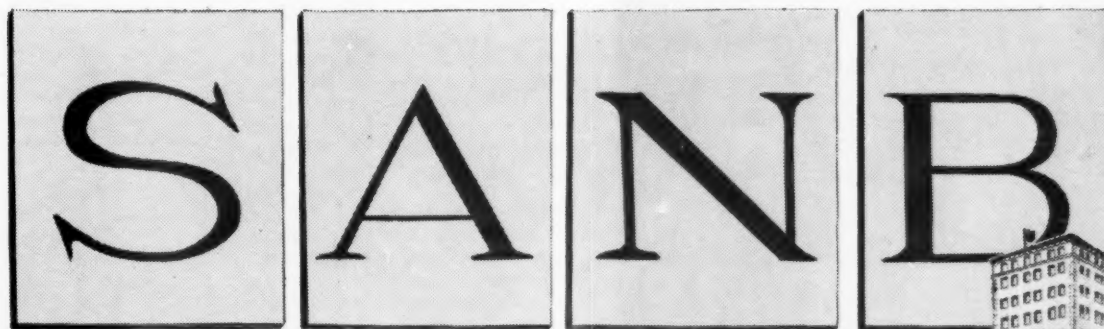
Season's Greetings

We wish the best of the Holiday
Season for you and yours. We hope
we have served you well during
1961 — and look forward with great
anticipation to being of further service
throughout the coming year.



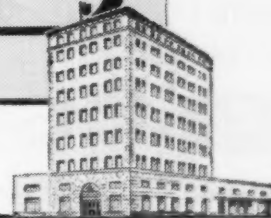
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Kills More Stomach and Intestinal Worms

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FORMULA DRENCH

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Controls Lice...Adds Lustre,
Quality to Mohair

Dr. Rogers' **964**

- ✓ Contains DDT and SOLUBLE PINETAR
- ✓ Dip penetrates to animals skin for maximum effectiveness
- ✓ Easily measured and mixed in water



TEXAS PHENOTHIAZINE CO. (BOX 4186) FORT WORTH

Capital Gains -- Real Estate

"LAND PRICES," an American Agricultural Reports client recently wrote us, "have just about tripled the value of this farm since I bought it. Now I'm planning to sell and am wondering if there isn't some way to reduce the heavy capital gains tax."

Far from being unique, the situation outlined poses a serious tax problem for virtually every farmer with farmland to sell. Most who bought land prior to World War II now face the prospect of having to pay capital gains tax on two-thirds or more of the current sale price. And in many areas, good farmland bought as recently as ten years ago has now doubled in value.

If and when you, too, have land to sell, hundreds or even thousands of dollars can be saved by making the most of various opportunities for trimming the capital gains tax. And it CAN be trimmed—in some cases even avoided entirely! This American Agricultural Report tells how. (November, 1961.)

How Capital Gains Tax Works

A capital gain results when the sale price of the property is greater than the adjusted cost of the property. The capital gain is the difference between the net sale price and the adjusted cost. Assume, for an illustration, that the cost of the property is \$35,000 and the sale price is \$60,000. The capital gains is the difference — \$25,000.

Under the present tax rules, half of the capital gain is taxed at ordinary income tax rates (or up to a maximum tax of 25% on the entire gain, if that's less). In the above example, then, you'd pay tax on half of the capital gain—that is, on \$12,500. This, of course, would be in addition to your other taxable income for the year. Say your other taxable income is \$8,000, you'd then have to pay tax on a total of \$20,500 that year. And, obviously, this forces you into an uncomfortable tax bracket! That's why a search for ways to trim the capital gains — and thus the tax — can pay worthwhile dividends.

Reducing the Gain

First place to save is by reducing the amount of gain. Way to do this is by remembering that the gain is the difference between the net sale price and the adjusted cost. Thus, the more items you can subtract from the gross sale price, and can add to your calculation of the original cost, the smaller the capital gain.

Here's a rundown: Beginning with the original cost, be sure to add on such expenses as:

- (1) All costs of acquiring the property. For example, lawyer's fees, court costs, fees for recording the title, etc.
- (2) Any expenses you might have had in defending the title.
- (3) Costs of improvements not al-

ready deducted as current operating expenses. For example, terracing and water control structures, clearing, drainage, tiling and irrigation wells and ditches. From these costs, however, you must deduct any depreciation that has (or could have) been taken.

Likewise, in figuring the net sale price, be sure to subtract such expenses as closing charges, commissions, etc.

Summing up, the point to remember is that every dollar you subtract from the gross sales price, or add to the original cost, means one less dollar you'll have to pay tax on.

Selling on the Installment Plan

Once you've taken the steps to reduce the amount of gain that tax is figured on, the next step is to reduce the tax rate.

One way is to sell the land on the installment plan—thus spreading the gain over a period of years. (Note: In order to defer paying tax on the gain until the year in which the gain is actually received, the down payment plus other payments during the year of the sale may not exceed 30% of the selling price.)

Here's an illustration of the tax advantage: Assume that you realize a \$25,000 capital gain from the sale of land. Of this, half—or \$12,500—is subject to tax. If you did NOT sell on the installment basis, and if the \$12,500 plus your other income placed you in a 35% tax bracket, tax on the gain alone would come to \$3,375! By selling on an installment contract, the gain could be spread over a number of years, sharply lowering the tax rate.

How to figure the tax. Begin by figuring the total capital gain as a percentage of the selling price. If 40% of the sale price is capital gain, then 40% of each installment payment is capital gain.

Assume, for example, you receive installment payments of \$4,000 a year over the term of the contract. The annual capital gain would be \$1,600



(40% of \$4,000). Half of this—or \$800—would be taxable. It doesn't take a tax wizard to tell that far less tax will be owed on \$800 in each of a number of years than on \$12,000 in a single year!

If you're retiring. If you're selling the land in anticipation of retirement—or for any other reason expect to have a lower income—you may be able to avoid tax entirely by using the installment method.

Here's why. Tax laws permit a couple under 65 years of age—and who take the standard 10% personal deduction—to earn \$1,324 tax free. If the couple is over 65, the exemption jumps to \$2,675. This assumes the couple has no dependents. For each dependent, add \$600 to the annual exemption.

The above rule is of prime importance. It means that the amount of capital gain the couple can receive each year—without paying any tax—is equal to double the difference between their tax-free exemption and their other taxable income. (Social Security benefits aren't included in taxable income.)

Example: A retired farmer and wife have a taxable income (aside from Social Security) of \$1,800. Therefore, the amount of capital gain income they could receive without paying tax would be double the difference between \$1,800 and their \$2,675 exemption. That comes to \$1,750 per year.

A formula to follow. The trick, of course, is to adjust the term of the installment contract so that none of the capital gain will be taxed. You

can use the formula below to determine the right number of years.

Years equals

Amount of capital gain
2 x (exemption minus other income)

To see how this works, assume the sale of a farm results in a capital gain of \$12,000. The couple has other income of \$1,800 per year. Thus:

\$12,000

2 x \$2,675 minus \$1,800
equals 6.9 years.

Thus, if the couple were to sell the land over a period of 6.9 years—or longer—they'd owe NO capital gains tax.

Swapping Instead of Selling

Another method to bypass capital

BRED EWE SALE SCHEDULED

OKLAHOMA'S 12th Annual bred ewe and ewe lamb show and sale is scheduled for December 9. The show at 9:00 A.M. and the sale at 1:00 P.M. The event is sponsored by the Oklahoma Sheep Breeders Association and will feature two-year-old ewes, yearling ewes and ewe lambs of the following breeds: Hampshire, Suffolk, Southdown, Shropshire, and Dorset. Bob Noble, Assistant Professor of the Department of Animal Husbandry of the Oklahoma State University, states that in order to offer only top quality ewes, only the top 15 ewes of each breed will sell; that the sale will offer an excellent opportunity to buy bred ewes or ewe lambs for a foundation herd. No rams will be offered in the sale.

gains tax is to "swap" instead of selling the land outright. This is worth considering if, for example, you presently own widely separated tracts of land and want to exchange them for a larger or more centralized farm, or if you want to trade the farm for another type of business property—say an apartment house.

The tax rule. If you trade one property for another of "like kind," capital gains tax is not owed until the second property is sold. Like kind means the exchange of business property for other business property. The property does not have to be identical. For example, the trade of farmland for an apartment house is considered like kind—both are real estate.

There are several tax advantages. First, you avoid the loss of working capital since the transaction involves no sale, thus no tax. Second, when you do sell the second property you may be able to make the sale at a time of lower annual income—therefore, a lower tax bracket.

Note This Tax Loophole

If you are considering the swap of farmland for, say, an apartment building or other business property, there's a good possibility you can realize a tax GAIN on the deal. This is because of the tax rule that buildings are depreciable and land is not depreciable.

Consider the following example. You own a farm with an adjusted cost of \$60,000 (of this, land is \$50,000 and buildings only \$10,000). The farm has a market value of \$100,000.

(Continued on page 22)

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The Ranch Library

The Indians of Texas

From Prehistoric to Modern Times

By W. W. Newcomb, Jr.

Illustrated by Hal M. Story

W. W. Newcomb, Jr., has written the most comprehensive and authoritative book ever written about the Indians of Texas. His exciting and most interesting volume, entitled **THE INDIANS OF TEXAS**, traces the history of every tribe that has lived within the present boundaries of the State of Texas, an almost super-human job, since the tribes were all cast from different molds. In many cases, various

tribes were not even vaguely similar. Most of the Texas Indian tribes disappeared many years ago, some even before Americans came into the area that is now the Lone Star State. Dr. Newcomb has indeed performed a most difficult task skillfully and with an insight that makes the Indians live in his writings; and the book is well illustrated with drawings by Hal Story and old photographs.

The author considers the various tribes—their origins, appearance, life cycle, livelihood, warfare, reliance upon the super-natural—in an order according to their technical productiv-

ity, and beginning with the most crudely equipped.

Throughout the book Dr. Newcomb enlivens the text with excerpts from the documents of the earliest adventurers, many of whom were Indian captives. The result is a fascinating, accurate portrayal of Texas Indian life. It will prove invaluable as a reference source and at the same time provide many hours of exciting reading. Some of the tribes of Indians Dr. Newcomb writes about include the cannibalistic Karankawas, blood-thirsty Comanches, Wichitas, Coahuiltecas, Plains Indians, Caddoes, Atakapans, Apaches, and many, many more. Price \$5.75.

Wilderness Cookery

By Bradford Angier

This new book, for the first time in decades, combines all the good qualities of previous works on the subject with the up-to-date knowledge and experience of one of America's foremost outdoor enthusiasts.

WILDERNESS COOKERY will prove invaluable to the truly motivated fisherman, hunter, camper, and other outdoorsmen in that it provides relief from what otherwise will likely turn out to be poorly prepared and unappetizing grub.

The author gives full details about the preparation of just about anything the outdoorsman could think of cooking, and he devotes considerable space to telling the proper methods of cooking various types of game, both big and small. There is an entire chapter devoted to the hundreds of wild fruits and vegetables available to garnish the camp-cooked trout or venison dinner.

Even the backyard cook will thoroughly enjoy and benefit from this most interesting book, and it is a *must* for the fisherman and hunter.

Price — \$3.95.

An Informal History Of Texas

By Frank X. Tolbert

Veteran author of both fiction and non-fiction, newspaper man, amateur anthropologist and historian, Frank X. Tolbert is well known to many Texans and other readers throughout the country for his books and his column in the *Dallas Morning News*, "Tolbert's Texas."

Long noted for his ability to unearth little-known facts about historical figures, Mr. Tolbert has come up with a real gem in his latest book, **AN INFORMAL HISTORY OF TEXAS**. As the book jacket states, this is "history with the hair and hide left on." Included in the impressive list of famous and infamous personages in Texas history that receive attention from the author: Cabeza de Vaca; General Santa Anna; Emily, "the Yellow Rose of Texas; Mrs. Susana Dickinson, heroine of the Alamo; Colonel William Barrett Travis; Davy Crockett; "The Angel of Goliad;" James W. Parker, uncle of Cynthia Ann Parker; Quanah Parker, Cynthia Ann's son and last war chief of the Comanches; Sam Houston; Sally Skull, rough and tough contraband runner for the Confederacy; Temple Houston, gun-slinging "patron saint" of Texas lawyers

and the son of Sam Houston; and many more.

Mr. Tolbert also includes in his most absorbing book his almost frantic search for the last Rebel Yell. His 4,000-mile trip around the boundaries of Texas in a four-wheel-drive jeep to gather information for the volume are most interesting. A number of episodes concerning the part of Texas in the Civil War and during reconstruction are included.

All in all, this book is one *every* Texan will enjoy—and so will "foreigners" from the other states!

Price — \$3.95.

Books available at the Book Dept., Sheep and Goat Raiser, San Angelo, Texas.

Sheepmen and Cattlemen, you are cordially invited to discuss your Loan problems with us. We can give you immediate, personal service, without red tape.

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San Angelo, Texas

Capital Gains

(Continued from page 21)

Now suppose you have an opportunity to swap this even for an apartment building. Under the tax rules, the adjusted cost of the apartment on your books would be the same as that of the farm—\$60,000.

But here's the gimmick. The value of the apartment is 90% building and only 10% land. Thus, 90% of its value—or \$54,000—can be deducted on your income tax return as depreciation. This compares with only 10% of the value of the farm—or \$6,000—that could be claimed as depreciation. **NET RESULT:** An increase of \$48,000 (\$54,000 less \$6,000) in the amount of depreciation which you can claim as an offset against future income.

If you depreciated the apartment over, say, a 10-year period, this would automatically give you an extra \$4,800 per year of tax-free income.

When You Sell Your Residence

No capital gains tax is owed on income from the sale of your farm residence IF:

- (1) You purchase another residence of equal or greater value within one year before or after the sale, OR
- (2) You start construction of a new residence within one year before or after the sale of the old residence and occupy the new residence within 18 months after the sale.

Involuntary Conversion

As a general rule, deferment of capital gains tax is also allowed if your property is "involuntarily converted"—that is, if you sell because of seizure, requisition, condemnation or threat of condemnation. In the case of a residence, the rules above apply. In the case of other property involuntarily converted, no capital gains is owed if the property is replaced with like kind by "one year after the close of the first tax year in which the gain is realized."

FARM SELLS

THE MOORE Bros. of Schleicher County have sold their 880-acre farm to Raymond and Charles Jureck, Jr., of Eola, and Nick Jureck of Eldorado. The brothers, in buying the farm, also got tractors, pumps, irrigation equipment and farm tools and equipment. Two good irrigation wells are on the farm.



We believe that we really know our area and the type of service its residents expect, since all of us at the Central National Bank are really "home folks" in San Angelo.

*The Season's Greetings
and Best Wishes*



GOOD FRIENDS . . . OLD and NEW

As the Christmas Season approaches, it is pleasant to pause from all the hustle and bustle of the pre-holiday rush and think of all our good friends — both old and new.

This is perhaps the most appropriate time of the year for us to count our blessings, and among those most treasured, we quite naturally think of our friends and associates of the ranching business.

We, of the locally owned Central National Bank, are proud of the ranchmen of West Texas and happy to work with them in promoting one of our nation's greatest industries.



To all our ranching friends, may we say "THANK YOU" for your loyalty and cooperation. We hope that in the New Year we may continue to serve you with STRENGTH, SAFETY, and COURTESY.

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NATIONAL BANK**
OF SAN ANGELO

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Goat Raisers To Hold Three Sales in 1962

IN A meeting at Leakey on November 4, the directors of the Texas Angora Goat Raisers Association voted to return to Fredericksburg in 1962, with their Annual Show, Sale and Coronation, and set August 2-3-4 as the dates for this annual event. The first two days will be devoted to the Show and Coronation, with the Coronation being staged on the night of the first day, August 2. The sale will take up the entire last day, Saturday, August 4, with the does selling in the morning and the bucks in the afternoon. In the show the buck classes will be judged by Armer Earwood, with Fred Earwood being the alter-

nate, and Marvin Skaggs will judge the doe classes, with Authur Davis the alternate.

The directors in this meeting also voted to accept invitations extended by the Chambers of Commerce of Uvalde and Lampasas and hold sales in both of these cities in 1962.

The sale at Uvalde will be the initial sale of the Association in 1962, and will be held on Friday, July 27. This sale will be sponsored by the Uvalde Chamber of Commerce and will be the Association's Second Annual Southwest Texas Sale.

The sale at Lampasas, the Association's Sixth Annual Central Texas

Sale, will be held on Friday, August 17, and will be sponsored by the Chamber of Commerce of Lampasas.

The sales stock for all three sales will be selected by Authur Davis, who will be accompanied on the inspection trip by the secretary of the Association.

Among the major items to come before the meeting was a resolution endorsing the Texas Screwworm Eradication program, which was unanimously adopted.

The directors and their guests were served a noonday meal prepared by the ladies of the Leakey Methodist Church.

Armour and Company to Build Lamb Killing Plant In San Angelo

ARMOUR AND Compny has announced plans to construct a lamb killing and ewe boning plant in San Angelo. Construction of the 30,000-square-foot building is expected to start in late December and be com-

pleted in the late spring of 1962. The building will be masonry and reinforced concrete.

A five-acre site north of the Midwest Feed Yards was chosen for the plant. It was purchased from the Santa Fe Railway Company and affords the company ample space with room to grow.

Armour officials declare the plant will be the first in the organization designed to process only lambs. However, full processing of the animal is not planned.

The capacity of the plant is expected to be around 3,000 lambs daily. They will be killed, dressed, chilled and shipped.

San Angelo businessmen feel that the new plant will reinforce the city's claim to the sheep capital of the state. Now, they believe the processing plant is a great step forward toward the city becoming the greatest sheep marketing center in the Southwest.

Letters . . .

DEFINITE STAND

WE HAVE become increasingly aware of your definite stand against all supports and controls of the sheep industry. For that reason, we especially want to be a member of your organization and want to receive your magazine.

We need more magazines and more organizations that take the stand you have taken. Keep up the good work.

Very truly yours,
Morris McKillip
Route 1, Box 109
Muleshoe, Texas

FROM BOSQUE

THANK YOU for getting the medals here in time for our 4-H Achievement Banquet last Saturday night. Mr. J. Walton Greenwade, a member of your Association and superintendent of the goat division of the Central Texas Fair, presented the medallions. He made a good speech for the Texas Sheep and Goat Raisers' Association in the presentation and urged all the 4-H members and their parents to become members and help to get a district set up in this area from your Association.

Floyd M. Key
County Agricultural Agent
Bosque County



A
Very
Merry
Christmas



"Thank You," Mr. Ranchman, for helping us make 1961 a successful year. It has been a pleasure to do business with you, and we are looking forward to serving you in the New Year.

May Christmas, 1961, be your happiest ever, and good health, happiness and prosperity be yours in 1962!

FRED BALL

HERMAN CARTER

SWAYNE DUDLEY

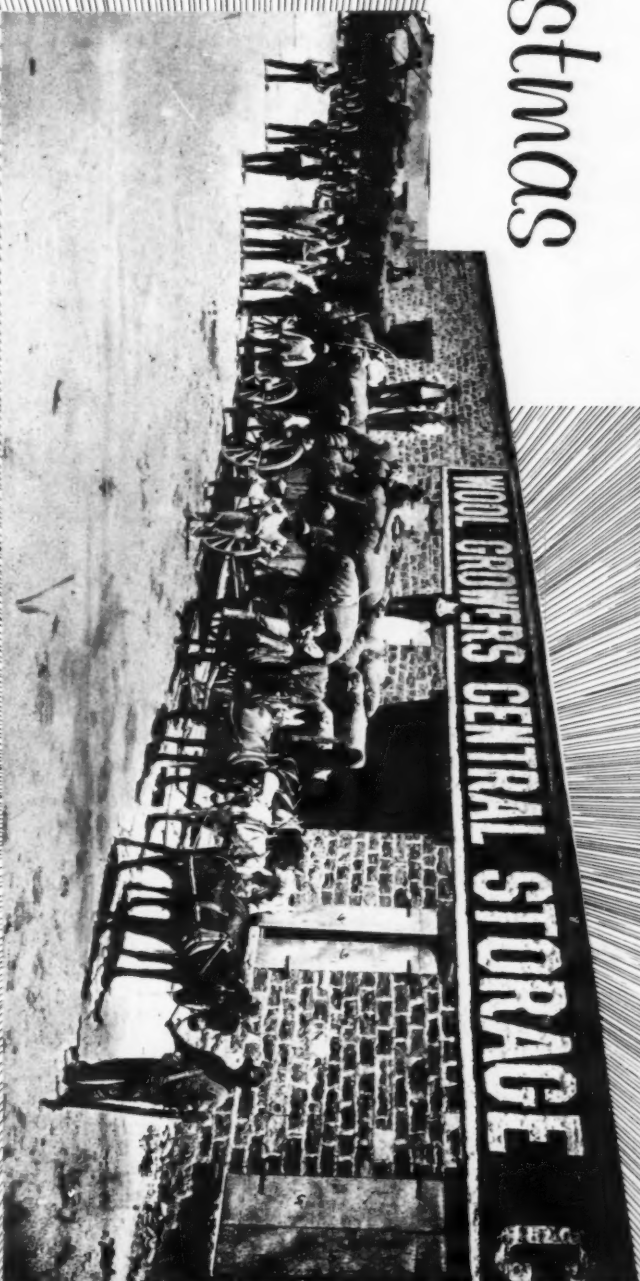
MID-WEST FEED YARDS

SAN ANGELO, TEXAS

Merry Christmas

We are happy to be able to work with you in the building of a stronger and more profitable industry. It has been a real pleasure to know and serve our many Sheep and Goat Raiser friends, and we at the WOOL GROWERS CENTRAL STORAGE COMPANY are looking forward to many more years of friendly association with our ranching customers.

Best wishes to all of you for a
HAPPY AND PROSPEROUS NEW YEAR!



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HELEN W. MCKNIGHT, *Asst. Secretary-Treasurer*

GEO. L. ALDWELL, *Director*
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This company is still pioneering with the growers on each new problem of the livestock and wool industries and endeavoring to bring them better service.

Salinity Problems in the Trans-Pecos Area of Texas

By K. T. LOFTON, Soil Scientist
Soil Conservation Service

SOIL AND water salinity is one of the biggest problems facing irrigation farmers in the Trans-Pecos area of Texas.

All waters used for irrigation in this area contain dissolved salts. The amounts and kinds of these salts are important factors in determining the suitability of the water for irrigation and the conservation practices needed to keep the salt content of the soil at a safe level.

Water analysis shows that waters used for irrigation in the Trans-Pecos area vary widely both in total salt content and kinds of salts. Some are so

salty as to be considered unsuitable for irrigation by water quality standards established by the U. S. Salinity Laboratory at Riverside, California. Water samples analyzed to date show a range in salt content from 220 to 7360 parts per million. In tons of salts per acre foot of water, this is a range of from 0.35 tons to 10.0 tons.

When salty irrigation water is used, the salts accumulate in the soil and may soon reduce or limit crop yields unless salinity control measures are used. Excess salts in the soil affect crop yields mainly in two ways. First, by making the soil water less available

to the plant, since plant roots cannot extract sufficient water for growth needs when large amounts of salt are present in the soil. Second, some salts such as sodium are toxic to plants. Excess sodium also may have a detrimental effect on the physical condition or tilth of the soil. Under certain conditions it reduces the permeability or rate water will enter and move through the soil.

The amounts and kinds of salts in irrigation water are not the only factors that determine its suitability for irrigation. Other important factors are the texture and permeability characteristics of the soil, subsurface drainage conditions, salt tolerance of crops to be grown and management practices used.

Clay soils or soils with slow and very slow permeability are difficult to leach and require careful and intensive management when saline. Sandy soils and soils that are more permeable are easier to leach and present a lesser problem in controlling salinity.

The only effective way to remove

excess salts from the soil is by leaching. To leach, enough water must be applied to produce downward movement and outflow of drainage water from the root zone. Level border irrigation systems are best for leaching operations. The water can be applied more uniformly by this method and held on the surface until the desired downward drainage is accomplished.

Salt accumulations are sometimes caused by permanent or seasonal high water tables. The water table should be at least five or six feet below the surface. It is impossible to leach excess salts from the root zone of soils when the water table is near the surface. Where high water tables occur, it is necessary to provide drainage systems to alleviate the conditions.

Soil Conservation Service technicians assisting local soil conservation districts are called on frequently to assist farmers and ranchers in dealing with these problems. When assistance is requested, a soil survey is made of the entire farm or ranch. This is a map which shows the location and extent of each kind of soil. Other factors such as the slope of the land, erosion losses, stoniness, salt accumulations and drainage conditions are also shown. The soil survey furnishes the basic data for all farm and ranch planning.

Soil conditions, including salinity levels, drainage and soil permeability, are analyzed for each farm. These conditions related to the quality of available irrigation water forms the basis for recommendations, including land use, adapted crops, agronomic and mechanical treatment.

The Soil Conservation Service technician points out the acceptable alternative uses and recommends the combinations of treatments best adapted to the particular situation. The farmer or rancher makes the final decisions as to the uses and treatments applied to his land.

An example of such cooperative effort is the Billie Prewit ranch located 10 miles south of Pecos, Texas, in the Upper Pecos Soil Conservation District. In 1959 the owner and technicians developed a Great Plains Conservation plan on his 400 acres of irrigated cropland and 17,304 acres of rangeland.

Prewit has all his irrigated land in feed and grasses to supplement grazing on the rangeland. At present he

(Continued on page 28)

The FIRST NATIONAL BANK OF SAN ANGELO

OLDEST FINANCIAL INSTITUTION IN TOWN



NEW FIRST NATIONAL BANK BUILDING

After nearly 80 years of time-tested, sound and progressive service to West Texas, the folks at the First National Bank of San Angelo are proudly awaiting the opening of their brand-new, ultra-modern facilities. The formal opening for the new bank headquarters will be held in January, 1962.

Located at the corner of Beauregard and Court, the new First National Bank Building is constructed in an open design to make everyone welcome.

May we say, "THANK YOU," to all our fine customers. We look forward to seeing you and serving you in 1962.

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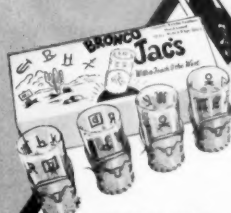
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ROPE CAN. This sturdy heavy-gauge aluminum rope can has everything necessary to protect your ropes. Rubber sealed lid, center well for spurs, etc. \$16.50. (Same as above, special galvanized) \$13.95.

RANCH KING HAT. Here's the genuine Western style hat that is making news all over the west... made exclusively for M. L. Leddy & Sons. Sweeping side roll brim, hand-crowned crown for Western flavor. Colors: Silver, Brown or Black. Sizes 6 1/2 to 7 1/2. Brim 3" (Silver, Brown only), 3 1/4", 3 1/2" \$12.50. 4" Brim \$13.95.

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No. 4500. Popular Western Belt of fine leather... beautifully hand tooled and styled. 1 1/2" wide, tapered at buckle to 5/8" or 3/4". (Price does not include name. REFER TO ORDER COUPON) \$2.95. No. 276. The finest TROPHY Buckle Belt of "an all" Hand tooled and styled in true Western tradition. 1 1/2" wide for a 1 1/2" buckle. (Price does not include buckle or name. REFER TO ORDER COUPON for buckle shown, add \$1.00) \$3.95.

NOTEBOOK. Hand-tooled and beautifully crafted of fine russet leather; made to last a lifetime. Pride of leather craftsmanship and careful attention to detail make the genuine M. L. Leddy school notebook supreme. (C) Your name tooled as shown \$13.95 (D) School name and color background \$15.95 2- or 3-Ring Binder (Prices Tax Incl.)

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ROPING GLOVES. Genuine soft leather roping gloves, also suitable for dress. Seams are tightly stitched and turned. Gloves fit snugly, yet allow fingers lots of flexibility. Colors: Eggshell tan or Luggage tan. Men's sizes: 7 1/2 to 11. Women's sizes: 6 to 8. \$5.95. Satin lined \$6.95.

TRUCK GUN RACKS. The very best protection for your most valuable guns! Plastic coated—will not damage or mar your guns. Spring "lamps" hold guns snug—will not bounce or rattle. Finished in solid black color. Adjustable to fit all Pick-Up Trucks. \$3.95 Per Set

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Trans-Pecos Salinity Problems

(Continued from page 26)

has 100 acres of blue panic grass pasture, 50 acres of barley, 50 acres of sorghum alnum, 100 acres of sudan, 50 acres sodded to Midland bermudagrass and 40 acres planted to NK-37 bermudagrass. The irrigation system is in borders and all irrigation ditches are concrete lined. The system was designed to make the most efficient use of irrigation water.

Salinity control measures practiced by Prewit include keeping either living or dead litter cover on the soil as much of the time as possible to reduce surface evaporation and salt accumulation on the surface. His concrete lined irrigation ditches prevent

ditch seepage which increases the salt content of the soil when seepage occurs. Prewit's level border irrigation system makes it easy to apply water uniformly, and when necessary, to apply water in excess of plant needs to leach excess salts below the root zone.

Conservation practices planned and being applied by Prewit for his rangeland include deferring approximately one-fourth of the ranch during the growing season each year. He also manages all the rangeland so not over half of the current season's growth of the major grasses is grazed at the end of the growing season each year. This method of grazing will maintain or improve the climax grasses with normal rainfall.



Fig. 1—Cotton failure due to high salinity on heavy clay bottomland soil in the Pecos River Valley north of Pecos, Texas.



Fig. 2—Good treatment for saline soil. Irrigated pasture with level border irrigation system on Billie Prewit farm south of Pecos, Texas.



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C. A. COLE, JR.



The Coronation Gown of Miss Mohair

Here is a wash and pen and ink drawing of the beautiful gown of the current Miss Mohair, Carlene Brown. The material for the gown was loomed by Charles Hanson & Co., Limited, and designed and fashioned in London.

Miss Mohair Gown Wonderful Creation

ONE OF the most remarkable gowns ever to grace the lovely ladies representing the mohair industry of Texas is the current creation designed and donated by Charles Hanson & Co., Limited, of Keighley, Yorks, England. Miss Carlene Brown of Brady, current Miss Mohair, will model the beautiful gown during the convention of the Texas Sheep and Goat Raisers' Association at Fort Worth, December 10-13.

Miss Brown's gown is a creation from one of the world's largest mills, the Charles Hanson & Co., Limited, spinners of mohair, alpaca and camel hair yarns. Their fleece mills are in Keighley. The gown was designed and made in London and sent to Texas for Miss Mohair's coronation last August.

The Hanson company consists at present of two brothers, A. T. Hanson and his brother, Charles. The former, with his wife, Kay, visited Texas two summers ago and became very interested in Texas mohair. Their interest has continued to this day, although they purchased very little of it, at present confining their acquisitions to South Africa, Scotland, Turkey, South America and elsewhere.

The brothers are working on a plan to extend the effectiveness of mohair advertising through the good will appearances of Miss Mohair. The plan is simply to get a delegation of Texas mohair growers, with Miss Mohair, to visit England. Mr. A. T. Hanson has indicated that he would meet such a group in London and supervise the appearances of Miss Mohair and her escorts from that time. The significance of such a plan to further the marketing of mohair is apparent. Not only are England and the British Isles important customers for mohair fabric but in Northern England are located mills which loom most of the mohair fabric produced in the world today. Keighley and Bradford, both industrial towns, are located some 200 miles south of London. In addition to the Hanson mills in both towns, the Laycocks have mills in Bradford. More favorable and closer liaison with such mills and their representatives throughout the world and the fashion designers in London and Paris would be of tremendous benefit to the mohair industry of Texas. It is a plan worth considering by the Texas Sheep and Goat Raisers' Association and all mohair growers.

Council Employs Firm for Miss Wool Program

THE MISS WOOL of America program for 1962 will be handled by the New York City public relations firm of Ronald Schiller Associates, Inc., which has been employed for the purpose by the American Wool Council.

The American Wool Council, wool promotion organization of the American Sheep Producers Council, has increased the amount of money to be spent for the Miss Wool program by \$12,000. The 1962 event will be allotted \$30,000.

At a meeting of the Wool Council early in November in New York City, directors of the organization made the decision to handle the Miss Wool program directly through the public relations firm rather than through Woolens and Worsteds, Inc., as in past years.

The American Sheep Producers Council's promotion committee includes the following Wool Council directors: Henry Hibbard of Montana, chairman; T. A. Kincaid, Jr., of Texas; Stuart MacArthur of New Mexico; Joe Conlin of Wyoming; and Fred Fowles of Pennsylvania. Two committeemen, Kincaid and MacArthur, are also members of the coordinating council. It is composed of representatives of the ASPC, the Wool Bureau, and the Boston Wool Trade.

Miss Elizabeth (Betty) Tanner, formerly a member of the Wool Bu-

reau staff, will handle the Miss Wool of America account for the public relations firm. Miss Tanner is already familiar with the business surrounding Miss Wool contests, she having worked with Texas Miss Wool programs before the pageants became national. She will work closely with the Miss Wool of America Pageant Committee, which is made up of representatives from sponsoring organizations, the Texas Sheep and Goat Raisers' Association, its Woman's Auxiliary, the San Angelo Board of City Development, and with the coopera-



"But there's not the slightest indication as to where a chap may encounter dogs."

tion of the National Wool Growers Association and its Auxiliary. The pageant committee is headed by Chairman E. S. Newman, and G. C. Magruder, Jr., is vice-chairman.

The date for the 1962 Miss Wool of America Pageant has been set—April 7—following Wool Week festivities in San Angelo. One of the contestants from the twenty councils comprising the American Wool Council will become the new national wool queen at the San Angelo Coliseum, and plans are now well under way for her reign.

MOORE-ALLEN ANGUS SALE DECEMBER 18

HERMAN ALLEN of Menard and Moore Bros. of Eldorado have scheduled their eleventh annual Angus bull sale to be held at San Angelo, December 18. They plan to offer around 175 registered bulls in the sale and declare that, as in past years, their offering will be only top quality bulls, all of serviceable ages. The bulls are to be in San Angelo—already tested—by December 11 and will be prepared for the sale at the Producers pens.

CROCKETT COUNTY RANCH SELLS

THE PLEAS Childress ranch of some 13½ sections in eastern Crockett County recently sold to Moore Bros. of Eldorado. The land sold without any mineral interest. The Moore Brothers are well known Schleicher County ranchmen, specializing in Angus cattle.

HOLEKAMPS VISIT BRADFORD

CONRAD AND DORA Holekamp of Junction, together with a group of other Texans, spent six weeks on an European tour sponsored by WOAI Radio and TV. After an enjoyable tour, Mr. and Mrs. Holekamp took off for a two weeks visit to Northern England to inspect the wool and mohair mills. They were guests of Tommy Hansen of Charles Hansen and Company. Conrad was particularly interested in studying the mohair situation in the mill areas where most of the world's mohair is processed. He declared: "There is no such thing as Texas mohair being inferior to mohair of other areas of the world. Texas mohair is, in fact, superior and its biggest need is more length of staple."

Mr. Holekamp declared that he found Texas mohair was in good demand, well liked, and that apparently it will enjoy a very promising future. He feels that the industry is failing in its opportunities of promotion and one phase of this would be to have a well qualified representative from Texas in England, taking care of the industry's welfare.

Rex Rhoton, a native of Arizona, who has been with Swift and Company at Durant, Oklahoma, the past nine years, is being transferred to Texas with headquarters at Baird. He succeeds Jim Warden of Abilene as cattle buyer. Warden, who has been a Swift buyer in the San Angelo and Abilene area since 1957, is being transferred to Clovis, New Mexico.

11th Annual

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BRANGUS	DELAINE-MERINO	ANGORA GOATS	

Livestock Entries Close Dec. 15, 1961 Horse Entries Close Jan. 15, 1962

<p>Open and Boys' Shows</p> <table border="0" style="width: 100%;"> <tr> <td>STEERS</td> <td>CALF SCRAMBLE</td> </tr> <tr> <td>MARKET LAMBS</td> <td>RABBIT SHOW</td> </tr> <tr> <td>MARKET BARROWS</td> <td>GRASS JUDGING</td> </tr> </table>	STEERS	CALF SCRAMBLE	MARKET LAMBS	RABBIT SHOW	MARKET BARROWS	GRASS JUDGING	<p>Junior Show</p> <table border="0" style="width: 100%;"> <tr> <td>BREEDING BEEF HEIFERS</td> </tr> <tr> <td>WOOL AND MOHAIR</td> </tr> <tr> <td>DAIRY HEIFERS</td> </tr> <tr> <td>DELAINE-MERINO</td> </tr> <tr> <td>RAMBOUILLETS</td> </tr> <tr> <td>ANGORA GOATS</td> </tr> </table>	BREEDING BEEF HEIFERS	WOOL AND MOHAIR	DAIRY HEIFERS	DELAINE-MERINO	RAMBOUILLETS	ANGORA GOATS
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WOOL AND MOHAIR													
DAIRY HEIFERS													
DELAINE-MERINO													
RAMBOUILLETS													
ANGORA GOATS													

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CACTUS HOTEL ANNEX

SAN ANGELO, TEXAS

FINE WOOL AND CLIPPINGS

THE butcher confronted his customer with embarrassment. "I'm sorry, madam, but I can't give you further credit. Your bill is bigger now than it should be."

"I know that," the woman replied. "Make it out for what it should be and I'll pay it."

THE wife suing for divorce was telling her troubles to the court.

"We were happy for a year, your honor, and then the baby came."

"Boy or girl?" inquired the judge.

"Girl," the woman replied, "big, fat blonde and painted, and she moved in next door."

THE man was more than a little annoyed when a neighbor telephone at 3:00 A.M. and complained: "Your dog is barking so loudly that I can't sleep." The neighbor hung up before he could protest.

The following morning at 3:00 A.M. he called his neighbor and said: "I don't have a dog."

THE man who dived from a pier to rescue an income tax collector prefers to remain anonymous. So does the man who pushed the tax collector in.

OVER the entrance to a certain traffic court there is a sign which reads: "Don't complain. Think of the many summonses you have deserved, but didn't get!"

FROM the depths of Africa comes a cannibal story, reported by Clara Qqhart, an associate of Albert Schweitzer in Lambarene:

A beautiful blonde was about to be put in the boiling pot. The chief's messenger came running up in a panic.

"Hold everything!" he yelled. "The chief wants to have his breakfast in bed this morning."—John G. Fuller, Saturday Review.

FROM Miami Beach: "Bellboy, can I get change for a dollar?" "Lady, at this hotel, a dollar is change."

CAREER Woman: One who goes out and earns a man's salary instead of staying at home and taking it away from him.

MAN (instructing wife to drive): Stop on the red. Go on the green. And take it easy when I turn white.

WHEN you don't believe in yourself . . . that tends to make it unanimous!

LABEL on a fish box in an express office: "If not delivered in ten days — never mind!"

GEOLOGIST'S Steno: "Do you think a seismic explosion can cause enough vibration to bring on rain?"

Oil Man's Steno: "Well, I am not so sure about that, but I've seen a shower bring on a shower."

ALIMONY: A method used by some women for taking the drudgery out of housework.

JUDGE: "Your wife claims you haven't spoken to her in five years. Why is that?"

Man: "I didn't think I ought to interrupt."

AN AIR Force man from the deep South volunteered: "It's kinda hard to be polite to a Northern girl. Before Ah can open a door for her, she has opened it, gone through it, and sla-a-mmed it in mah face!"

LOCAL Lady: Doctor is there anything wrong with me?

Doctor: Yes, but it's trifling.

Local Lady: Oh, I don't think that's so very wrong, is it?

WE suppose it would be worse to be born old and have to look forward to growing young and silly.

HE was a very cautious man, who never romped or played.

He never smoked, he never drank, nor even kissed a maid.

And when he up and passed away, insurance was denied.

For since he hadn't ever lived, they claimed he never died.

A MAN applied at a recruiting office to enlist.

Officer: "I suppose you want a commission?"

Recruit: "No, thanks, I'm such a poor shot, I'd rather work on a straight salary."

THE lady was visiting a mink farm. . . . Wishing to display her profound interest in the fur business, she asked brightly, "And how many mink skins do you get from each animal?"

"Only one, lady," was the response. . . . "If we try to skin them twice it makes them nervous."

THEY gave Ez Tike a physical down at the draft board. Afterward, someone heard Doc Stearns remarking to the head of the board, "on the other hand, he's really not in shape to be a civilian either."

IRATE WIFE: "Oscar, one of the ducks you were shooting yesterday called and left her number."

HERE is a good recipe for getting along with a husband: Feed him well, baby him a little, and praise him a lot; and it'll either make him so nice you wouldn't give him up for the world, or spoil him so nobody else would want him.



What Is Your ? Sheep I. Q.

14. Question:

How much yearly improvement may be expected by selecting the top 75% of the ewe lambs for replacement when selection is based on body weight and clean wool production?

Answer: Selecting the top 75% of the ewe lambs on the basis of clean wool and body weight and mass mating all ewes should increase the herd clean wool average by .03 to .07 pounds per year.

15. Question:

How much yearly improvement in the herd average for clean wool may be expected by breeding the top 50% of the ewes to the top 50% of the rams when keeping for replacement, the top 75% of the ewe lambs?

Answer: The increase per year by this method of selective mating is .06 to .10 pounds for clean wool.

16. Question:

A ewe herd is divided into four breeding groups based on: (1) longest staple of wool, (2) largest bodies, (3) open faces, and (4) best mutton type. What type of ram would be selected for each breeding group to quickly increase uniformity in the herd? Would there be any increase in production by this method?

Answer: Sorting ewes and rams into groups by these traits and then mating unlikes seldom increases production but does increase uniformity.

17. Question:

Why does mass breeding hold uniformity?

Answer: Mass breeding will hold the same uniformity since all matings are random.

18. Question:

Of what value is uniformity in a herd?

Answer: Extreme uniformity in a

herd indicates average production and is of no value in a program attempting to increase production.

19. Question:

Of what value is variability within a herd?

Answer: Variability increases the chances for selection of extreme individuals that carry the production characteristics desired.

20. Question:

What sheep breeding system will promote the greatest variability in desirable characteristics within the herd and the greatest extremes in the offspring?

Answer: Breeding systems that are based on selection and division of the herd into three or more production groups will produce greater extremes. The mating of like rams to like ewes will produce the greatest range in variation.

21. Question:

What is the average yearly increase in production for body weight, clean wool and lamb weight when these traits are emphasized in a breeding system mating like to like?

Answer: Dividing the herd into the three or four production groups and mating like to like increased body weight by three pounds, clean wool by .18 pound and lamb weight by two pounds. These figures are the yearly average increase over 15 years in New Mexico where this system is used. Recent reports published in Texas show 4.2 pounds for body weight, 0.25 pounds clean wool and 2.5 pounds of lamb weight as the increases when selecting and mating like to like. These latter figures are for a six-year period.

(Continued on page 34)



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Analyzing Livestock And Meat Situation

By SHEEP AND GOAT RAISER CHICAGO BUREAU

DESPITE SOME forecasts to the contrary, lamb feeders throughout the Corn Belt found prices and trends rather disappointing in the slaughter lamb trade during the fore part of November. Not only was the lamb market unable to make any sustained moves toward higher ground, but it actually developed moderate amounts of price weakness.

Some mid-fall forecasts circulated throughout the Corn Belt called for better possibilities for profits in the lamb feeding business during the final weeks of 1961 and the fore part of 1962. However, there was little evidence of this becoming a reality at this time, which was depressing to many feeders as they viewed the approach of the winter marketing period.

Productions calling for better profits in the latest lamb feeding ventures were based mainly on the expectation of a slight reduction in sheep and lamb numbers at the outset of 1962, compared with a year ago, and the fact that Corn Belt lamb feeders were able to purchase replacement lambs relatively cheaply in recent months.

Whether or not inventories of lambs on January 1, 1962, will show the expected drop of two to three percent is probably not foremost in the minds of most finishers at the present time. Their main basis on which they can readily judge the degree of profit or loss centers around their replacement costs, feeding costs and the eventual market price at marketing time.

Since most lamb finishers realize their replacement costs were relatively low during the past few months and were at levels which should in-

sure profits, their main concern of late rests with the trends and level of fat lamb prices and their prospects in the foreseeable future.

Late in October the fat lamb market provided some optimism by moving up from the recent seasonal lows. While gains were small, many finishers were satisfied that the market was headed in the right direction. However, reasons for this optimism were short lived as a lower trend early in November not only wiped out the latest upturn, but dropped the general level of prices to a new low for the season.

Fat lamb prices at Chicago around the middle of November were at the lowest point since April, which was the lowest level for lambs since 1946.

The dropping to new 15-year lows came about as a result of several factors. One has been the fairly heavy slaughter of lambs in federally inspected plants throughout the nation, with early November slaughter running nearly 15 percent ahead of the same time last year.

Other contributing factors were a moderate increase in lamb marketings at major markets at this time and a curtailment in the demand as the wholesale lamb trade felt the reduced consumer interest, along with most other classes of red meat, with the approaching Thanksgiving holiday when much of the attention centers around poultry.

Still another factor which some members of the trade claim is partly responsible for the price cutting has been the recent seasonal decline in hog prices and the relatively low level of most cuts of fresh pork. Lamb meat had felt the competition of most pork, some of which was selling near the middle of November at the lowest levels of 1961.

Top pork loins were at the low point since June, while Boston butts at mid-November were equal to the lowest levels since May, 1960. Prices such as these would provide lamb meat with much stiffer competition and probably were partly responsible for the bearishness in the fat lamb trade.

After maintaining a peak of \$18 late in October and the early days of November, top woolled lambs at Chicago tumbled to the \$17 figure by the middle of November. A big share of the good to prime fed lambs at this time had to move into slaughter channels at prices ranging from \$15.50 to \$17. The best in the way of shorn lambs reached \$16.50 after comparable kinds sold up to \$17.50 during the period when \$18 was being paid for prime lambs in the wool.

Latest available data disclosed the movement of stocker and feeder lambs into the eight Corn Belt states

Sheep I. Q.

(Continued from page 33)

22. Question:

What is the expected effect on body weight, length of staple, amount of wool and pounds of lamb produced when closing a herd and inbreeding?

Answer: The closing of a herd and inbreeding without selection will reduce production.

23. Question:

What is the expected effect on body weight, length of staple, amount of wool, and pounds of lamb produced when closing a herd and then using a selective mating system?

Answer: Closing a herd and using selective matings regardless of chance inbreeding has given average yearly increases of three pounds for body weight, .18 pound for clean wool and two pounds for lamb weight.

under that of a year ago. The total movement for the month of September was placed at 634,913 head, down 12 percent from the total of 722,173 head for the same month last year. The three-month total of July through September also showed about the same percentage reduction, being placed at 1,202,872 head, which was 13 percent below the total of 1,386,131 for the same period in 1960.

While the nation's lamb producers were having their problems, as far as market prices and trends were concerned, Corn Belt hog raisers were going through a period of seasonal price cutting. However, unlike lamb feeders, hog producers were not too concerned with the lower trend since the decline started back when the level of hog prices was relatively high and price cutting in recent weeks has been rather moderate, leaving hog returns at a fairly satisfactory point.

Actually, hog producers had their returns increased close to the middle of November as hog prices recovered a portion of the recent declines when values were forced higher in view of curtailed selling. Favorable weather at this time over much of the Corn Belt gave corn picking the priority over hog selling and this action provided hog producers with advancing prices.

Even though wholesale pork prices continued to weaken at this time, hog processors were geared to heavy slaughtering and the letup in selling forced more aggressive bidding and buying.

The breathing spell provided hog raisers during the fall break came immediately following early November hog slaughtering which set a 22-month high. This large slaughter kept the wholesale markets for pork weakened, even though there was a temporary period when numbers were reduced in marketing channels.

World Wool Situation

THE OUTLOOK for the world wool industry for the coming year is better than it was at this time a year ago. The decline in activity in the textile industry during the second half of 1960 was followed by a moderate recovery during the first half of 1961. Some further moderate increase in activity in the textile industry is occurring during the second half of 1961. In the fall of 1960, mill activity, including the production of tops, yarns, and fabrics was declining. Prices of raw wool were down. Stocks of raw wool in the major producing countries were increasing. Consumption of raw wool was decreasing and world trade was off.

Currently, world wool production is at a record high level. Consumption of raw wool and production of wool textile products are increasing moderately. Stocks of raw wool in major producing countries are down. Prices, although generally above a year earlier, have declined moderately since the opening of the 1961-62 marketing season.

In 1962, production and consump-

After experiencing unsatisfactory developments in recent months, such as unprofitable feeding operations and replacement costs over those of a year ago, cattle feeders early in November began finding some improvement in the structure of fat cattle prices which went to increase their returns.

Much of the higher trend in prices which developed at this time was of their own doing in an indirect manner. Corn picking, which took priority over all other farm operations over much of the Corn Belt during a period of favorable weather in the fore part of the month, caused curtailed cattle marketings. The drop in numbers which beef processors experienced at this time forced killers to compete more aggressively for those cattle marketed.

Despite the moderate rise in fat cattle prices at this time, a healthy undertone was lacking in the market. Killers found it virtually impossible to pass along increased live costs to the dressed market, which left them operating packing houses on an unsatisfactory financial basis. Some plants cut killing time because of the unsatisfactory spread between live costs and dressed prices, but this still left costs on the minimum killing requirements out of line.

After being more or less stabilized at the \$26.25 figure throughout much of October, the top for prime steers at Chicago made a sizable gain by moving up to \$27.50 by mid-November. This set a new high since last May and equalled the highest price since April. This move by top steers brought about a slight widening of the price spread, but it still remained comparatively narrow by ordinary standards.

At the same time, the general level of fat cattle prices at Chicago was at the highest point since April following gains during the first part of November.

tion of raw wool can be expected to be at or near record highs and about in balance. Stocks of raw wool in the major producing and consuming countries will remain relatively low.

Fluctuations in price through the year will tend to narrow as the industry adjusts to a relatively stable pattern of activity. Also inter-fiber competition will tend to check increases in wool consumption and prices.

Source: The Wool Situation, October 31, 1961.



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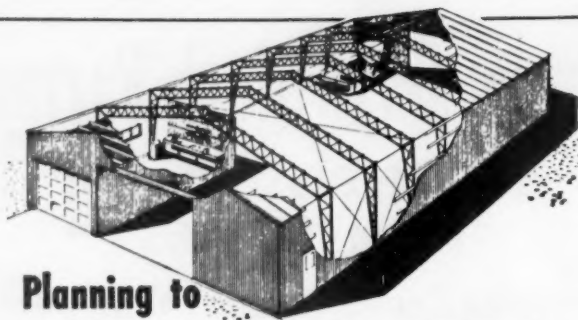
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Foxtail Johnson Objects

NUB PLINKER got sevral bad acid burns while changin' batteries in his car. He says it's the most painful thing that has happened to him since he gave his wife's mother some good advice.

Here on Squawberry Flat we dun- no just what we can do for our country, but we're thinkin' and argifyin' about it a heap and for that we sure deserve a subsidy from our country.

Junior Whepley's kinfolks is a lot worried about his mental state. He's too loco to be of any use around here but not crazy enough for a guvverment job.

Well, school has took up again. It does pretty good at keepin' the younguns outa devilment five days a week, but two days and seven nights give 'em all the time they need.

People divide in politticks accordin' to whether they have money and want to keep it, or ain't got any and want to get some.

Fodge Rucker's cotton crop is 25% short and he blames the county for not keepin' down dust on the roads. His windshield got so fogged he couldn't tell when his cotton needed its last irrigation.

Once a week I do my good deed by goin' to the Bank of Hardscrabble and askin' for a loan. Sayin' no gives the casheer so much pleasure, and exercise, too.

Mrs. Quag Tofer has been lookin' over Christmas gift cattalogs and decided she's gonna have some big fights with all her friends and kin along about Dec. 1.

There was a long line at the Modern Art Theatyer Sunday night for Blazin' Guns of Badger Basin. Just proves again that people'll go anywhere to get away from home and TV.

Last week the Hardscrabble Clarion printed an item about considable chills and fever around the neighborhood and a city paper sent a reporter to write up the big malaria eppidemic that's sweepin' Squawberry Flat.

There's nothin' like a good beef-steak to top off a meal after three or four quarts of squawberry cordial.

When Poke Easley's life was wrote up for the Clarion's Greater Hardscrabble Edition, he asked that no mention be made of the three weeks he spent at honest labor. "I was just a boy then and not responsible," he pleaded.

Our plant breeders has just about got to the point where we have crop varieties resistant to all the farmer's enemies except red ink.

Everybody in the U. S. was urged to celebrate September as Better Sleep Month and Squawberry Flat responded with so much enthusiasm that some of us ain't woke up yet.

That poet that wanted to live in a house by the side of the road—did he mean a paved road where you can't hear yourself think for the noise, or a dirt road where you can't see the end of your nose for the dust?

Gettin' right down to hoss facts, they ain't much hoss sense in a hoss.

Just no stability in this life. Soon as a feller gets used to restin' in the summer shade, he has to change all his habits and get used to restin' in the winter sun.

Tilt Skober has finished his correspondence course in cattle rustlin' and is now ready for practical experience.

It'd help with their smog problem if some people would watch their car exhausts, and it would help more if they would watch their language.

Most people act like they expect to get into heaven on a credit card.

It ain't 'cause she's bossy that Mrs. Poke Easley went along and done the talkin' when the doctor checked up on Poke's health. It's just that he was too lazy to tell his own symptoms.

There's a big openin' in this community for a doctor with old-time, fundamental faith. I mean faith in alcohol 'stead of these new meeracle drugs.

Don't see no sense atall in crop forecasts. Everbody knows evry crop's gonna be just big enough to wreck the market.

There's talk of givin' evry income taxpayer a number. It'd make remem-berin' easier for us old-timers if they'd just give us the same numbers we had in the pennitenchary.

When he was 20, Clab Huckey begun to look around to decide where to start learnin' enough to make him the smartest man in this state. Now he's 60 and still ain't decided.

Snag Posey says he can get up in the mornin', feelin' mearner'n a rattlesnake with a belly rash. Then he reads in the paper about some law he has been breakin' right along, and it makes a new man of him.

Teenagers is almost grownups but too young to have the sense and judgment people's s'posed to have by the time they're 30 and a few of 'em actually get by the time they're 90.

My niece, Deliria, announces that she's goin' steady again and she don't want to hear no cracks about the unsteady charickter she's goin' steady with.



"I'm sorry, Madam—the manufacturers just haven't designed any for pets."

Your Local Banker

Have you seriously considered the place of your local bank in your community?

Notice that it is usually found in the community's most modern business establishment, setting a pattern in civic improvement and progress.

Today, the correspondent banking system makes it possible for your local bank to meet the need of all local businesses, even in such situations in which the customer requires more credit than the bank would handle ordinarily. Thus the facilities of your local bank offer the same services of the big city banks with an added service of local friendship and understanding.

It is unfortunate that some hold the opinion that the local bank cannot meet the credit requirements of some small businesses and that some government assistance or agency is necessary. This is not a fact and the local bank is prepared to serve all, accepting certain risks as a part of the operating procedures or face an ever-growing appeal for more federal assistance.

Alert businessmen, ranchmen and farmers readily note the progress of local banks. Their tremendous, dynamic growth in recent years is an attribute to their well-rounded service and stability.

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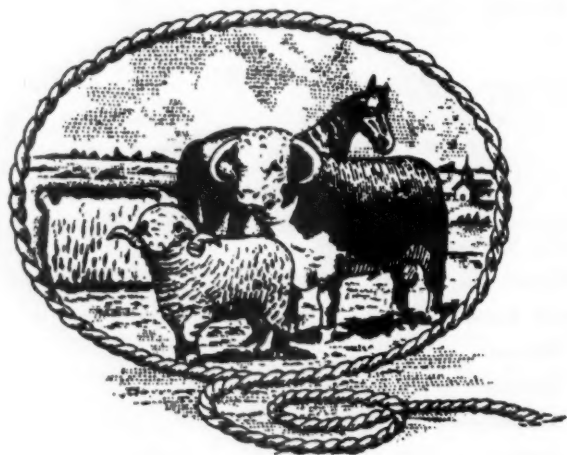
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Captain Rocendo Saucedo, right, gives instructions to shearer trainee Severiano Saucedo. Looking on is Oran Bigby, Ballinger ranchman, who headed the Runnels County shearer training program.

TEAMWORK IS solving a knotty problem for Texas sheep and goat raisers. A shortage of competent shearers long has plagued the industry and, with few young men entering the shearing trade, the problem promised to become worse as time and age further thinned the ranks of shearing crews.

To ease the situation, directors of the Texas Sheep and Goat Raisers' Association met at Bandera, Texas, in September of 1960, and mapped a plan of action to attract young men into the shearing trade. A committee, under the leadership of Bill Childress, Ozona ranchman, developed what has become known as the Apprentice Shearer Program and enlisted the aid of county agents in Extension Districts 6, 7, 8 and 12, to help carry it out. Here is how the program worked in a typical county.

County Agent C. T. Parker, Jr., called together the Sheep Subcommittee of the Runnels County Program Building Committee. Headed by Oran Bigby, Ballinger ranchman, the subcommittee surveyed shearing captains and potential candidates for shearing training to determine how many would participate. Six young men were selected to enter training and an equal number of captains agreed to sponsor them. Each trainee was furnished a shearing head with necessary combs and cutters. Three sets of equipment

were provided by the Texas Sheep and Goat Raisers' Association and three sets were purchased with local funds.

Each trainee was required to sign a note for the value of the equipment consigned to him. The agreement, however, provided for cancellation of the notes upon successful completion of the training program. At that time, the issued equipment would become the permanent property of those individuals who elected to continue in the shearing trade.

Bill Childress, Shearer Training Committee chairman, hailed the Apprentice Shearer Program as an outstanding success from start to finish. In all, 48 young Latin-Americans from 17 counties entered training and only three dropped by the wayside. "Many of the successful trainees, now full-fledged members of seasoned crews, are capable of shearing in excess of 100 head of sheep per day," Childress said. "This represents a real service not only to Texas ranchmen, but to the young men themselves."

Directors of the TS&GRA have voted to continue the shearing training program through 1962. Complete details regarding the program can be obtained by writing to the Texas Sheep and Goat Raisers' Association, P. O. Box 1486, San Angelo, or by contacting your local county agent.

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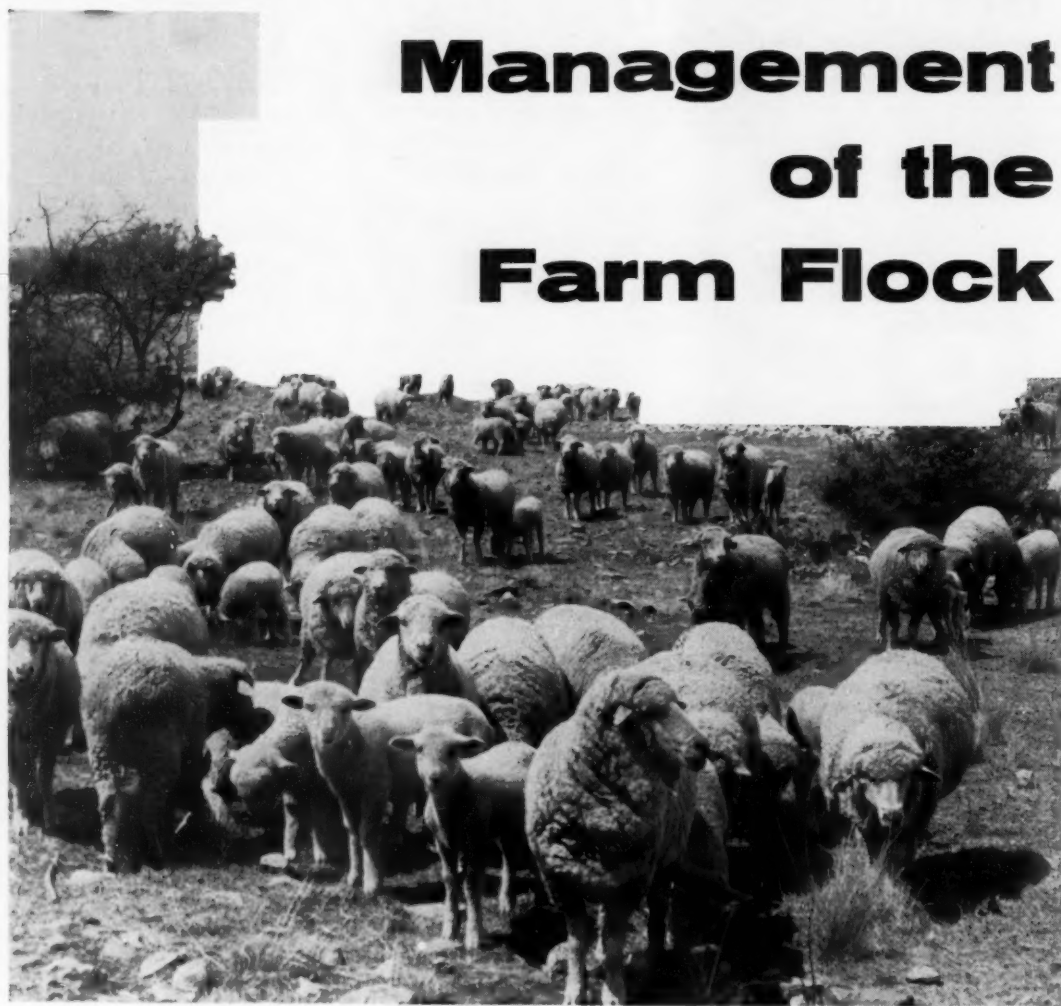
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W. S. Orr ROCKSPRINGS, TEXAS

Management of the Farm Flock



By JOE H. DIXON

THE NEXT few months are important ones for flock owners, especially for those who do the bulk of their lambing during the winter and spring. Close attention to the flock during the lambing season usually pays off well. You will find experienced breeders and sheepmen, as a whole, spend long hours with their flocks at this critical time. Especially is this true with purebred or registered breeders who have several valuable breeding ewes in the flock.

Some flock owners and breeders rather dread the lamb season, with its long hours and the constant watching and waiting for the best ewes in the flock to lamb. Others, however, seem to enjoy the lambing season. I know that I did when working with registered flocks in years gone by. Actually, there is a lot of satisfaction to be had in helping to deliver a big, fine, newborn lamb. Several large lambs are lost during the cold nights of winter, when ewes are having trouble and no help is in sight. To me, dead lambs always appear larger than do those that are born living. Just why, I do not know, but nevertheless, it has always seemed that way to me.

Mistakes Costly at Lambing Time

Mistakes and carelessness during the lambing season are often the cause for many losses that could be avoided. I'll agree with you, that final trip

to the sheep-barn or shed is hard to make on a lot of cold winter nights for a last look at the ewes heavy with lamb before retiring for the night. But, if you make enough trips during the lambing season, you usually are rewarded because you will probably save a few good lambs from some of your better ewes.

It has always seemed to me that more lambs are born between 6:00 P.M. and midnight than between then and 6:00 A.M. For some reason, it has also been noticeable to me that a large number of ewes seem to wait for a stormy night to have their lambs.

Owners of large registered flocks sometimes provide a room in the barn or shed for the convenience of the shepherd, or those in charge during the lambing season. Usually, in a room of this kind there is a coal stove or wood heater provided for those in charge of lambing during cold winter nights. Heaters also provide comfort for chilled lambs and for those born

weak. A medicine chest is also kept close at hand with supplies available to take care of ailing ewes and newborn lambs. Other standard equipment usually found in a room of this kind include a spring cot and mattress, also an alarm clock for the shepherd or caretaker who spends the night in the lambing barn.

Most owners of registered flocks have too much invested to allow for much carelessness at lambing time. Other mistakes can be made in allowing weak lambs at birth to run with the flock, when they should be penned with their mother for a day or two to allow them to gain some much needed strength. Medicine for your lambs with colds and scours may usually be obtained from livestock supply houses or your local veterinarian.

When to Expect Ewes to Start Lambing

If you know the date your ram was turned in with the breeding flock, or by chance have kept correct breeding dates on your ewes, you should have a good general idea when to expect your first lambs. The gestation period

for ewes to carry their lambs is approximately five months, or perhaps, to be more accurate, from 147 to 148 days.

One of the first indications that a ewe is about to lamb is that she may appear restless and has a tendency to move away from the rest of the flock. When penned in a lot, barn or shed, the chances are the ewe will find a spot to herself in some corner where she hopes to not be disturbed.

In many cases, you will probably notice that the ewe's rear flank will drop, and the external genital organs will show considerable swelling. Generally, from 12 to 24 hours before lambing the ewe's udder and teats will look full and firm.

Just before lambing, a ewe may appear very restless, lying down and getting up several times before she starts to have labor pains. Frequently, while standing, she may try to paw the ground with her forefoot and is constantly changing her position.

The Lambing Period

Strong, vigorous ewes that are properly conditioned seldom have much trouble delivering their lambs. It is usually fat ewes that have not had enough exercise, or young ewes lambing for the first time that will cause you the most trouble.

If you notice a ewe starting to lamb do not disturb her during the first stages of labor. Stay at a distance and allow the ewe to have the lamb without help if possible. If a ewe labors hard and shows little or no progress after some length of time, it might be well to examine the ewe to see if the lamb is in normal position. Once the water bag has been broken and she does not deliver the lamb in a reasonable length of time it may be necessary to give the ewe assistance.

Before helping the ewe to lamb, the flock owner or shepherd should take precautions against the infection of the ewe. The hands and arms should be washed in soap and water, and then bathed in a mild disinfectant. Then grease the hands well with vaseline or other lubricant before trying to examine the ewe.

Normal Presentation of The Lamb

Normal presentation of the lamb is with the front legs extended and the head between or resting on them. It is usually an easy matter, with the first two fingers of the hand extended, to enter and determine the position of the lamb without injury to the ewe. If the head is turned back, or if only one foot and leg is making its appearance, then under no circumstances should the lamb be taken until the presentation has been corrected.

Many sheepmen insist that the heads are too large on some lambs and this may be true in some cases, but my own experience has been that far more lambs are hindered from being born on account of the shoulder blade being hung or one leg is back in an unnatural position.

By manipulating the fingers and hand slowly and easily, it is possible to enter the uterus and by use of the middle finger release the shoulder blade that is hanging and at the same

Methods of Handling Ewes During Lambing

time pull forward the leg that is turned back.

When the lamb's head appears first, but the ewe cannot deliver the lamb on account of the shoulder being hung, it sometimes swells to twice its normal size. Even under these conditions the lamb can sometimes be saved if the ewe is discovered in time and she is given help to deliver her lamb. Usually the swelling in the lamb's head disappears in a few hours and the head returns to normal size.

Final Steps in Delivering Lamb

In helping the ewe to make the delivery, once you have the front legs and head at or near the opening and in correct position, then you may start to help deliver the lamb. Pull only when the ewe labors and do it firmly, but very gently.

After the head and feet are delivered, pull the front legs outward and down toward the udder to help deliver the shoulders. After the head and shoulders are out it is always an easy matter to complete delivery of the lamb.

In some cases with a young ewe, perhaps lambing for the first time and the lamb appears to be extremely large, better luck may be had by pulling forward one foot at a time, just an inch or two, instead of pulling both at the same time, until you are sure that you are ready to make the delivery. Then pull steadily on both legs and press in on the vulva just back of the lamb's head. This sometimes helps to get the head started and released to where it is a simple matter to make the remainder of the delivery.

Twins and triplets are occasionally rather difficult to deliver when the legs become tangled in the uterus or womb. When this happens, perhaps the best thing to do is to push back the lamb you are trying to deliver and be sure you have hold of the lamb's own legs before trying to complete the delivery. At times, it can be a very difficult matter to be sure you are pulling on the two proper feet and legs.

The Newborn Lamb

In most normal deliveries the ewe immediately stands up and licks off or cleans up her lamb. In other instances, the ewe may have had a difficult time lambing and may appear sick and too weak to stand at once and mother her lamb.

Under these circumstances, it might be best to pick up the lamb and place it close to the ewe's head so that she can smell it and claim it as her own. Be sure to put your hand underneath the lamb's body when moving it for ewes have a keen sense of smell, and sometimes will not own their lamb when it has been handled too much. If the ewe is too weak to clean up her lamb, a clean towel or cloth may be used to remove all membranes and mucous about the nose and mouth of the lamb. This will give the newborn lamb a better chance to breathe properly. But before doing this, try to make the ewe claim her lamb.

Let the Lamb Nurse as Soon as Possible

The navel cord should be disinfected immediately after birth with iodine to help it dry up and prevent infection. Other medicines are often

used for this purpose but iodine, in my estimation, gives excellent satisfaction.

It is important to get the lamb to nurse as soon as possible. Before the lamb is allowed to nurse, a little milk should be drawn from each teat by the gentle pressure of the thumb and forefinger. There may be a little wax covering over the hole in the teat, so be sure that the milk channels are open before the lamb tries to nurse.

Strong lambs usually nurse without any assistance, but the weak lambs may have some trouble finding the teat and getting started. Sometimes, a little of the ewe's milk in the lamb's mouth or placed on its tongue will have a tendency to sharpen the lamb's appetite, and with a little help in getting it to stand on its feet, it will start to nurse.

After nursing, the newborn lamb when getting plenty of milk, likes to take a nap and does plenty of sleeping during the first twenty-four hours. Lambs not getting enough milk to satisfy their hunger will generally do just the opposite, bleat continuously and tug on their mothers for milk that is not there.

News Highlights From The Field

The recent Pan-American sheep show at Dallas proved one of the strongest in recent years. . . The A. C. Lindeman & Sons fine show of Delaines was certainly one of the highlights in a very strong fine wool show of Rambouillets and Delaines. . . The James Rutledge grand champion lamb of the Junior Show was an excellent individual. . . It was my understanding that this fine Southdown lamb was bred by Bob Penny, well known Texas breeder from Winters. . . Several medium wool flocks were released early from the Dallas Fair in time to exhibit at the American Royal at Kansas City. . . Charles Brink, Olathe, Kansas, breeder and showman, exhibited the grand champion wether at the American Royal, an excellent Southdown in very short fleece. . . Green Rivers Stock Farms showed both Southdown champions at Kansas City, and Mrs. Ammie Wilson both Hampshire champions. . . Other winners at the Royal included Roy B. Warrick & Son, champion Suffolk ram, and Oklahoma State University, champion Suffolk ewe. . . The Duron Howard

(Continued on page 42)

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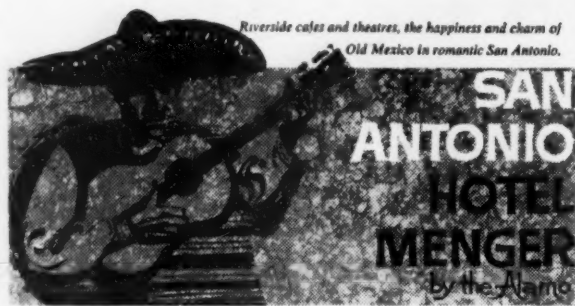
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Green Acres Stock Farms Cap Brilliant Season at The American Royal

By JOE H. DIXON

CLIMAXING a sensational show season by winning both Southdown champions at the recent American Royal at Kansas City has caused much favorable comment among the sheep breeders and exhibitors who have followed the fortunes and progress of Green Acres Southdowns.

It was a real pleasure to meet and

talk sheep with the Paul Kropp family at the recent Pan-American Livestock Exposition, State Fair of Texas, in Dallas, October 7-15. During the course of the Southdown breeding show the Kropps exhibited the champion ram and the first prize ram lamb in a very strong show.

During the week following the Pan-American Show, Mr. and Mrs. Paul Kropp, their attractive daughter, Paulette, and two younger sons, Bob and Jim, all took an active part in preparing their lambs for the Junior Fat Lamb Show. All three of the Kropp youngsters showed lambs in the Southdown class, winning second, third, fourth and sixth in strong competition, and were awarded the reserve champion lamb of the show on their second prize Southdown wether.

Miss Paulette has proven very efficient at showing her lambs in the show arena, and her skill along this line won for her second place in the showmanship award during the junior lamb show at Dallas. It was only last February, in a strong fat lamb show at the San Antonio Livestock Exposition, that she exhibited the champion Southdown lamb.

It is easy to understand why the Kropps have made such a splendid record at the fall shows, for they are all friendly, sincere and intensely interested in their fine show flock. I just could not help but admire the manner in which they all worked together as one unit in helping George White give the show lambs that "last minute touch" before entering the judging arena.

Paul Kropp talks sheep like a veteran breeder, and is easy to talk to. The one thing that impressed me most was the fact that he knows the kind of sheep he likes; also, what it takes to win, and he never underrates his opposition.

In talking with him the morning of the open class Southdown show,

Farm Flock

(Continued from page 41)

Southdown flock enjoyed a good week at the San Francisco Cow Palace Show immediately following the American Royal. . . At the recent Louisiana State Fair at Shreveport, Paul Kropp's Green Acres Farms won both champion and both reserves. . . Glen Armentrout & Son won both Hampshire champions. . . Charles Hunter & Son were the big winners in Suffolks, with the champion ram and first flock. . . And Louisiana State University exhibited the champion Suffolk ewe. . . Alex McKenzie, who judged the Shreveport Show, was high in his praise for the exceptionally good Junior Fat Lamb Show here there this year. . . It is rumored that the Oklahoma Polled Dorset Breeders are planning on holding their first sale some time during the month of April. . . Do not forget the Twelfth Annual Bred Ewe and Ewe Lamb Show and Sale, sponsored by the Oklahoma Sheep Breeders Association, to be held in the Animal Husbandry Arena at Stillwater, Oklahoma, on Saturday, December 9. . . Bob Noble informed me that there will be no rams in the sale this year, and only the top 15 ewes of each breed will sell. . . For the names of the breeds selling, see the ad in this issue. . . A Merry Christmas and Happy New Year to all readers of this magazine!

Oklahoma's Twelfth Annual Bred Ewe and Ewe Lamb Show and Sale

DECEMBER 9, 1961

Show 9:00 A.M. — Sale 1:00 P.M.

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Paul told me that they are in the sheep business to stay, and I took him at his word. It is my opinion



Champion Southdown Lamb at 1961 San Antonio Livestock Exposition — Exhibited by Miss Paulette Kropp, daughter of Mr. and Mrs. Paul Kropp, Lockney, Texas.



Reserve Grand Champion Lamb — Exhibited by Bob Kropp at the recent State Fair of Texas. Bob, 14, is the son of Mr. and Mrs. Paul Kropp, and a member of the Lockney 4-H Club. The lamb was a nine-month-old Southdown.

that the Kropps will have a successful and outstanding career in the sheep industry. Before it is finished, it should provide a very inspiring story. They have the determination to breed good Southdowns and Hampshires, and that is one thing it takes to become successful in most any undertaking.

Charles Brink and George White, who have been in charge of the show flock this past season, deserve much

credit for fitting and presenting the Green Acres Southdowns in a very attractive manner.

Major awards won by this flock at many of this season's leading shows include: Champion ram and ewe at Springfield, Mo.; champion ewe at Sedalia; champion ram at Topeka and Hutchinson; both champions at Fort Smith, Ark., and Oklahoma City. Also, champion ram at Pan-American Exposition, Dallas; both champion ram and

ewe at the American Royal, Kansas City, and both champions and both reserves at the Louisiana State Fair at Shreveport.

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Entrance to Enclosed Patio

Texas Sheep and Goat Raisers' Association

IN NOVEMBER the Texas Sheep and Goat Raisers' Association acquired a lovely residence in the heart of San Angelo, only two blocks from the center of the business district. The property was purchased from the estate of the late Mrs. Lorraine B. Leftwich for \$26,500, after a unanimous vote of the directors of the association when they met in Abilene in September.

This is the first time the association has owned its office building. In the past the organization's headquarters were rented and for many years were moved from town to town in the western part of Texas.

All members of the association and visitors are welcome at any time. In fact, members especially are urged to make every possible use of these readily accessible, attractive and comfortable quarters.

This is one of the finest gifts to the Texas sheep and goat industry. It was acquired through a combination of good luck, business acumen and foresight of the leaders in building for the future needs of a vigorous industry and the expanding organization representing it.



Back Yard

Thick grass, shrubs and large shade trees lend attraction to the large, stone-enclosed back yard.



Secretary

Tom Wallace, Secretary of the Texas Sheep and Goat Raisers' Association, is extremely proud of his effective and convenient office in the new Association home.



Miss Wool Receives Automobile

Standing in front of the garage of the Association's brand new home is Miss Wool. She is taking delivery on the brand new Impala furnished by the Mustang Chevrolet Company of San Angelo, represented by Barney Barnhizer, nearest in the photograph. With Mr. Barnhizer are Association Directors R. O. Sheffield and Jack Allison of San Angelo, who expressed the appreciation of the Association for the courtesy. The Wool Growers Central Storage Company, San Angelo, is to see that the automobile is to be upholstered in the finest wool.



Secretary's Office

Convenient, attractive surroundings please the two office secretaries of the Association. On the left is Mrs. Maxine Kane and on the right, Mrs. Connie Fletcher. Both are eager to greet and to aid any Association member visiting the office and every Association member should drop by the office when in San Angelo.

The Shepherd's Dog

By C. W. G. HARTLEY
Author "The Shepherd's Dogs"
(Special to this Magazine)

THIS IS my concluding article in this series for the SHEEP AND GOAT RAISER. I would like to thank all those kind people who wrote in requesting a continuance of the series. Your interest is much appreciated.

The Shepherd's Best Friend

Our affection for the dog has some indefinable origin in psychology that is far beyond me to unravel.

Perhaps, he conjures up within us visions of serene landscapes, green hills, mountain crags, open space, and freedom. Or, maybe his intelligent face suggests the wisdom, loyalty, and cleverness that is his.

It could be that his undying faith and trust in us makes us feel just a little better than we are.

Without doubt, the good working sheep dog holds a place in our hearts that is tempered with sincere respect and admiration. No one can watch the stylish, artistic precision, the inscrutable, relentless concentration, nor the courage, verve, and versatility without being aware of their potential in the hands of those who study and understand.

When the human mind and the canine mind cooperate to carry out their difficult tasks in mutual harmony, we

may be sure we see the fulfillment of the sheep dog's destiny on earth—the shepherd's best friend.

Helper of Mankind

His perpetual readiness to serve makes the sheep dog more than a useful animal. To the stockman, dependent upon his help, he becomes a partner. To the lambing shepherd engaged alone, among his flock, he becomes a pal.

To the trialist, he is a sensitive, efficient strategist, and tactician.

At the homestead, he is a vigilant sentinel, capable of hearing the most stealthy sounds, even while asleep. He can bid you welcome with a friendly wag of the tail, or bar your advance another step with a low growl and bared fangs.

On the dairy farm he will sally forth at daylight to gather the cows from the night-paddock when he hears the alarm clock ring at the homestead.

If you train him carefully and well, he can bring you a sense of achievement mingled with pride which no other success can equal. Surely, there is no other animal capable of performing so much for so little. Our common interest in these dogs defies

color, creed, or language in our search for knowledge and understanding.

The dog, because of his readiness to serve and his obvious understanding, is very often expected to approach perfection without assistance. There is such a close tie-up between thought and instinct that we are inclined to expect our dog to see the error of his ways without special training. Quite often he performs his work very well without any particular training, which makes things awkward for the next young dog that seems to do everything wrong. We must realize that instinctive action in a sensitive, capable worker can result in an exhibition of cleverness that makes one feel that the dog does not entirely act on instinct. However, when we see faulty work, we can also explain in a logical way, the sequence that instinctively leads to it.

At the moment I am handling a dog that has been in bad hands. By nature he is a wide-working, strong-eyed header, smooth in his handling and capable of the closest possible concentration.

He has never learned to work correctly face to face with his sheep, because of a horrible habit of diving to bite, with the result that his sheep are scattered in all directions on most occasions. Now, what has happened earlier is that his smooth action created difficulty in shifting truculent sheep. His handler became impatient and encouraged this dog to "get tough."

"Getting Tough"

If a dog is diffident about coming in to close quarters with his sheep, he will naturally adopt a measure of safety to himself in any "tough" tactics. Therefore, the logical thing to do is to charge in quickly, bite, then run out of range. This proves effective

WORKING SHEEP DOGS

Editor's Note: Working sheep dogs are becoming more popular in Texas as labor becomes increasingly difficult to find. Many a well-trained dog can do the work of two or three untrained hands, and the dogs are a lot cheaper to feed and keep.

This month's article on "The Shepherd's Dog" is the last of the series.

If you are interested in seeing more of Mr. Hartley's sheep dog articles in this magazine, please write us about it. The number of letters we receive will be the determining factor in judging our readers' like on this subject.

C. W. G. Hartley, author of "The Shepherd's Dog," which has been appearing in the SHEEP AND GOAT RAISER, is a well known New Zealand writer and an expert on training sheep dogs. He is the author of the very popular dog-training book, THE SHEPHERD'S DOGS. The author has expressed pleasure and some surprise that his book and articles have been distributed so far from his native New Zealand.

We believe that Mr. Hartley's articles have been quite interesting and that they have been well received by the SHEEP AND GOAT RAISER's readers.

Please write to the magazine right away, and let us know if you want to see the series continued.

enough with slow, heavy sheep, but if it becomes a habit, the handler is annoyed and voices his disapproval.

The next time, the dog rushes in, bites, and retires quickly and at some greater distance than before.

The handler says, "If you dive,

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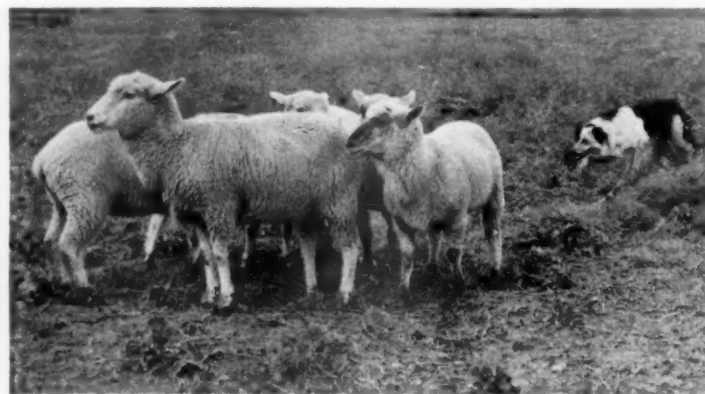
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The dog, not slow to adjust matters accordingly, still dives in, turns tail, and retreats out of range of his handler's wrath, stone, or stick. Now, these two have reached a state of stalemate.

What is the use of the handler suddenly disapproving of tactics that have now become an established habit? How can the dog now figure what is required of him? The whole thing developed through ignorance. The dog found a means of shifting stubborn sheep without much risk to himself. The handler thought he would improve with work. Roaring disapproval will not bring improvement. It will aggravate the situation further.

Correct Bad Habits

When my dog showed that he was incapable of pressing forward quietly, it appeared to be due to a fear of the sheep. I was busy attending 1,000 lambing ewes, but I resolved to spend time to educate him whenever opportunity permitted. This dog is three years old and has been through several hands. I planned to exercise him to dispel his fear of sheep.

However, one day I took the Land Rover out to pick up a ewe that I had tied to a fence. Bundling the ewe in the back with my dog in there loose, I was amazed to find that he had no more fear of being confined at such close quarters with the ewe than I.

My plan to educate the dog in cor-

rect approach was then simple. All that I had to do was convey to him that biting stubborn sheep was correct and definitely so as self-defense. At the same time, I also knew that once I had convinced him that I wanted him to bite, it would not be difficult then to warn him against it with the command of "steady" or "that'll do, stand."

My dog was most surprised when we went into a pen together and shifted a noted truculent sheep that would beat most dogs. At first he eyed me suspiciously when I encouraged him to bite, but I patted him and used my voice to give him confidence. I kept him pressing on, reaching for the nose. Each day we went into the

pen together and slowly backed a stubborn sheep round and round the pen. Gradually, my dog lost the habit of diving. His courage is greatly aided with the knowledge that he is at liberty to defend himself. I certainly would not ask him to take a bump from a sheep. At this age, a dog is not so impressionable, because unfortunately, there was no pattern in the handling he previously received. With the natural ability he possesses, he can still develop into the good dog he could have been.

I am convinced that a great many dogs are ruined by their handlers because of their determination to prevent faults to develop. Their efforts when insisting, lose all perspective.

Character and Temperament

When the young dog first begins to work, he reveals his character to the expert shepherd. Whatever he does is the expression of his particular temperament. He may be reckless and rough, or he may be stealthy and cautious. He may be timid at the quick movement of sheep, indicating a tendency to be "light" in his handling. He may race madly to hold his sheep together, indicating what we call a rattle-head (a horrible term, I know, but no one likes to see panic where it is uncalled for). The young dog may show such determined control that his sheep just won't stand his handling and break up badly. Don't despair, because command and training can make this one a firm, determined worker.

Your young dog may rush out to head sheep without any attempt to cast wide. He lacks that caution which would prompt him to conceal his intentions until he is in position to control the sheep. The main consideration here is to present repetition in some subtle way so that the idea of casting may occur to him. Having to run out around a dam or small hill to gather sheep is helpful. In any case, tuition to the right hand casting whistle will solve the problem, if necessary, later.

The main consideration is to keep his enthusiasm for work. Get him to stop as soon as he gets in behind his sheep so that it will become a habit

(Continued on page 48)

Auto Bumper Stickers Build Interest in Lamb

AN EXPANDING program of lamb promotion takes to the nation's highways with the production of the National Livestock and Meat Board's new auto bumper sticker, "Let's Have LAMB." The sticker, which is now available, aids in building consumer interest in meat for the just-around-the-corner holiday season.

This bright reminder of the plus values in lamb is the Board's response

to the specific requests for this type of promotion material from the livestock growers and feeders throughout the country.

The strip has bold, two-inch, black lettering on an attention-getting 17-inch, fluorescent, yellow-orange strip for maximum visibility. It is easy to apply as the protective covering peels off the pre-gummed backing and the durable sticker is ready to adhere to the bumper.



BOOK NOW! SAVE ON LAMKIN BROTHERS' PRO-MIN BLOCKS

Join the thrifty sheep and goat raisers all over this part of the country who are contracting now for PRO-MIN High Protein Blocks! By booking in advance you'll not only be pocketing substantial savings, you'll also be making sure you'll have plenty of PRO-MIN on hand this Fall when you need it.

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The Shepherd's Dog

(Continued from page 47)

as soon as possible. Don't ever allow the young dog to exasperate you. Insist quietly, firmly. If you feel like "taking a swipe at him" with the stick, rest for a while.

Develop Response

Always try to develop response. I have never made progress with any dog until he became responsive to my voice. This is indicated by a ready submission to your sternly spoken order, then conversely, a change to pleased relaxation when the light, persuasive tone is employed.

I have undertaken such intensive training where control was vital. Unless I had complete control of the mind and action, success was impossible. One does not just "get" the dog to walk backwards, or move slowly forward two steps, then take one step to the right and step backwards four paces, still facing the sheep. Nor run 50 yards quickly, halt and stand up on the hind legs, then drop all this and be sent off to pick up my horse's bridle reins and bring the horse to me. Or hurry to an open gate and close it when the required number of cattle pass through.

The dog is responsive. It will be quite obvious to the discerning reader that thrashing or harsh treatment in this intensive training could ruin the impressions built so progressively and patiently.

Final Advice

My final advice to the enthusiast about to break and train the heading dog is as follows: Have the dog in tip-top physical condition. Start him when fully grown—usually one year old. Don't ask him to run far to gather sheep. Allow him to hold a few sheep up to you, gently. If there is a truculent sheep among them, put it out. Hoggars are very good for the young dog to handle.

Once proficiency in holding sheep together is evident, walk away, and let the dog bring the sheep behind you. Use the command "stand" often so that he learns that he must combine this order in his work. Choose a moment when he is not actively engaged in any special movement to stop him. If he is difficult to stop, put a cord on him and use the command as you move around the sheep. This will bring home to him the need to do his work and obey you, too.

Don't try to make fast progress. It takes time for correct habits to form. Time is required for the dog to grasp the significance of the tuition you give him.

When sheep have been handled long enough to have settled them down, leave them bunched together out in the clear, and walk away with your dog a distance of about 60 yards. When you turn back and halt, your dog will probably look quickly at the sheep, then up at you. If he does, put out your hand on his side and hiss sharply (a hissing chit-chit), or as I do, a click of the tongue.

Allow the dog to use his own initiative, but if he is going to upset them, get closer to the sheep until he has them under control. Your aim is to develop confidence and teach the dog to stop when requested.

Remember, your pupil has been "as free as air" until now. It will take a little time for him to learn to combine your control with his desires. Once you are satisfied that your dog enjoys this work, you may then devise the check cord training which you find he needs.

Sheep dog breaking and training is by no means an exact science. It is most difficult to lay down hard and fast rules, because of individual differences in all dogs.

No writer, however gifted he may be, will deal once and for all with this subject in any one single volume. No two dogs are alike, and neither are any two men.

This great art will revolve around man's ability to bend and shape "that wealth of material within the dog that may be utilized in his training." Experience and close study will make this clear to the enthusiast.

If you have caught a glimpse of the capacity of the canine mind, or maybe now view the whole subject in a new light, then understanding will point the way to success.

There is no other animal capable of doing so much for so little as The Shepherd's Dog.

ROGERS DAVIS HEADS AMERICAN HAMPSHIRE ASSOCIATION

ROGERS G. DAVIS of Natchez, Mississippi, was named the new President of the American Hampshire Association. He succeeds Sam McClure, Jr., of Spottswood, Virginia. Rogers Davis owns the Grove Plantation at Natchez, where he is active as a member of the A. S. P. C. Administrative Council, a breeder of Angus Cattle and an outstanding Hampshire sheep breeder.

He was elected to this position at the Annual Meeting of the Association in Harrisburg, Pennsylvania, November 8. This is the first year the Association has held a meeting away from Chicago. They found the hospitality of the eastern group superb and are giving further consideration to moving the Annual Meeting into different areas in order to increase participation. It was voted, however, to have the 1962 meeting in Chicago.

All of the present directors were renamed to the Board and Ward E. Smith of Fort Collins, Colorado, was elected to succeed Rogers Davis as vice president. Roy A. Gilman, Stuart, Iowa, serves as Executive Secretary.

The Association has put considerable emphasis on a flock production improvement plan this past year. Further plans of the organization include developing a Ram Certification Plan from its present system of indexing lambs to rate the ewes.

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Step in the Right Direction

Carcass Shows and Lamb Evaluation

By ROBERT L. NOBLE, Secretary
Oklahoma Sheep Breeders Association
Stillwater, Oklahoma

ONE OF the basic problems confronting the American sheepmen is putting lamb into the retail meat counters that will successfully compete with other meats for a fair share of the consumer's dollar. This problem is quite evident, since at the present time lamb sales make up only three percent or less of the total meat volume of most chain and independent meat markets.

Meatier Lamb Cuts

What can be done to improve the competitive position of lamb in face of the tough competition from other meats? In recent years, there has been a definite shift in the eating habits of the American public toward meatier cuts with less finish. Thus, in addition to extensive promotion and advertising, two things that should help from a production standpoint are: (1) To continue to produce lamb as economically as possible, and (2) produce market lambs that will have the highest yield possible of the meaty cuts desired by the consumer. This indicates the necessity for emphasizing heavy muscular development, especially in the leg and loin of market lambs with only sufficient finish to give the carcass quality. Fortunately, as in the swine industry, this type of lamb is not only more desirable from the standpoint of carcass retail value but also more economical to produce.

This concept of emphasizing heavy muscular development — the meat-type lamb—is not new. The American sheepmen over the years have put considerable selection pressure on im-

proving conformation and are producing many good, meaty lambs at the present time. The need for producing this kind of lamb has simply been accentuated by the differential in price that now exists between lean meat and fat.

In order to increase the number of meaty lambs marketed, we need to: (1) Recognize that considerable differences do exist in the actual retail value of lambs of the same weight, and even of the same grade; (2) and to be able to recognize this difference in value in the live lamb, and (3) to continue to improve, we must identify the sires that are producing these high value lambs. Carcass shows and live lamb evaluation shows are simply tools to guide us in this direction.

Carcass and Lamb Evaluation Shows

What information has been gained from carcass shows and lamb evaluation shows? First, and perhaps most important, is that the most important factor that determines the retail value of a lamb carcass is the yield of trimmed lean cuts, that is, the leg, loin, rib chops, and shoulder; especially the leg and loin since these are the two high-priced cuts. The two major factors that determine the yield of trimmed lean cuts is the muscular development and amount of finish.

The muscular development in most carcass shows is estimated by the size of the loin eye in square inches at the 12th rib. Although the size of the loin eye is important in itself, this meas-

urement is used primarily because the size of the loin eye is correlated to total meatiness. This correlation is not perfect, but it is still good enough to be a useful tool, and a measurement that is easy to obtain. A large variation in area of loin eye does exist in lambs of the same weight. Some of the more meaty lambs will have three square inches per hundred pounds of live weight as compared to 1.5 square inches for less meaty lambs.

A Carcass Cut-out

A more preferred method in determining total meatiness is complete carcass cut-out with the cuts given a retail trim. By this method, the actual yield of trimmed lean cuts on a live weight basis and the actual carcass value and live value per pound can be calculated. In the recent lamb evaluation show at the Tulsa State Fair this method was used. The top two pens of three wether lambs had a yield of trimmed lean cuts — leg, loin, rib chop and shoulder—of over 40% on a slick shorn live weight basis. Many lambs measured on the same basis would not have a yield of much over 30%. This difference in yield of trimmed lean cuts, alone, will make a difference in actual retail value of 5-6 cents per pound or, reflected back on a live weight basis, a difference of about three cents per pound. Considering the importance of yield of lean cuts, it would appear that the cutability of the carcass should be considered in our grading system.

Amount of Finish

The amount of finish is also highly correlated to the yield of trimmed lean cuts. Certainly sufficient finish is desirable and necessary, as it influences the quality of the meat, as well as the dressing percentage of the live animal. It would appear that the optimum amount of finish measured over the loin eye at the 12th rib is about .10 to .30 of an inch, depending on the weight of the carcass. One trio of lamb carcasses at the Tulsa show with an average weight of 55 pounds and an average fat thickness of .16 inch were all graded prime by a Federal

grader. Excessive amount of finish lowers the yield of trimmed lean cuts, and thus, the actual carcass value. Lambs with .5 to .7 inch of fat thickness will have a fat trim of 15-20% on a carcass basis. This excess fat sells for two to three cents per pound. Excessive finish is usually not a problem in market lambs, except perhaps with heavy weight lambs.

Dressing Percentage an Important Factor

Although carcass shows have been very useful in congealing our ideas on the factors that influence the actual retail value of the carcass, we must not forget that dressing percentage is an important factor in determining the value of live lambs. This is the basic difference in carcass shows and lamb evaluation shows. In carcass shows the results are based primarily on carcass value. In live animal evaluation shows, the carcass value is reflected back on live weight basis. This automatically includes dressing percentage.

The overall value is determined by multiplying the carcass value per pound times dressing percentage. Care must be taken to have an accurate figure on dressing percentage. In most live lamb evaluation shows, to remove one variable that affects dressing percentage, the lambs are slick shorn within a few days of the show. In the Tulsa show, to make the figures on yield as accurate as possible, the lambs were placed in a common pen and fed for one day, then shrunk for 24 hours prior to slaughter.

Other Considerations

Yes, carcass shows and live lamb evaluation shows are a step in the right direction, but in our overall production program, we must also consider such factors as ewe productivity, rate of gain and feed efficiency of the lamb. Perhaps the ideal situation would be a test station where groups of five to six wether lambs of one sire could be fed from 60 to 100 pounds, then slaughtered and actual value computed.

(Continued on page 52)

WETHER LAMB EVALUATION SHOW

(First 10 pens — 14 pens in the show)

1961 Tulsa State Fair

Pens of Three Sired by the Same Ram — Average for Three Lambs
Complete Retail Cut-Out Was Made on the Top Five Pens of Three

Exhibitor	Breed	Adj. Live Weight	Dressing %	Carcass Grade	Loin Eye Area		Fat Thickness	Yield (1)		Placing	
					Actual	Sq. In. 100 lb. liv. wt.		Lean Cuts Retail %	(2) Live Wt. Value	Live	Final
Richard Pittman Waukomis, Oklahoma	Hampshire	101.0	58.90	2 Prime 1 Choice	2.47	2.45	.25	40.60	32.31	1	1
Leonard Steward Grenola, Kansas	Dorset	96.0	58.40	2 Prime 1 Choice	2.40	2.50	.20	40.30	32.13	2	2
Robinson Farms Hunter, Oklahoma	Dorset	88.6	55.20	3 Choice	2.10	2.38	.21	39.50	30.86	11	3
Shirley Hauser Red Rock, Oklahoma	Suffolk	97.3	55.20	3 Prime	2.29	2.35	.16	37.40	30.70	3	4
M. Floyd Ames Amorita, Oklahoma	Dorset	82.6	53.87	3 Choice	2.22	5.68	.12	38.40	30.28	9	5
Robert Keeper Jasper, Missouri	Hampshire	93.0	56.76	3 Choice	2.14	2.33	.24			4	6
Otto Leven Newkirk, Oklahoma	Hampshire	93.0	54.80	1 Prime 2 Choice	2.24	2.41	.14			6	7
Charles Brink Olathe, Kansas	Hampshire	96.6	52.00	1 Prime 2 Choice	2.14	2.18	.18			10	8
M. Floyd Ames Amorita, Oklahoma	Dorset	83.6	57.10	2 Choice 1 Prime	2.03	2.43	.18			8	9
Otto Leven Newkirk, Oklahoma	Hampshire	84.3	50.30	3 Choice	2.08	2.48	.15			13	10

(1) Trimmed Leg, Loin, Rib Chop, Shoulder.

(2) Carcass Value Per Pound times Dressing Percentage.

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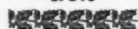
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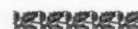
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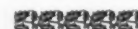
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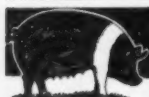
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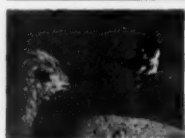
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IN MEMORIAM

MRS. ERNST MARSHALL

MRS. ERNST MARSHALL, 96, of Llano, a Texas pioneer, died in a Llano hospital, November 29. She was a daughter of the founder of Fredericksburg. Her parents were Baron John Ottfried Hans Friherr von Meusebach and Agnes, Countess Coreth of Tyrol. They were married in 1852 in New Braunfels and were the parents of 11 children. Mrs. Marshall being the tenth. She was born in 1865. At one time she and her late husband operated the Southern Hotel. They also owned the Angolia Hotel which was constructed in the early 1900's. Mrs. Marshall painted a scene of her father signing a treaty with Indians in 1847 on the San Saba River. This painting is in the Pioneer Memorial Museum in Fredericksburg. She recently sold her old ranch home in the Prairie Mountain Community in western Llano County to E. C. Creelius of Sao Paulo, Brazil. The home on the ranch was constructed of native stone in 1888.

Surviving are two sons, W. I. Marshall of San Angelo, who served as County Agent of Tom Green County a number of years, and Pat Marshall of Llano; two daughters, Mrs. Clyde King of Llano and Mrs. Charles E. Smith of Waco; four grandchildren and six great-grandchildren.

LOUIS J. WARDLAW

LOUIS J. (JUDGE) WARDLAW, 81, ranchman, attorney, and former chairman of the Texas Livestock Sanitary Commission, died November 28 in a Fort Worth hospital following a long illness.

Born in Falls County, Mr. Wardlaw moved with his parents to Runnels County at the age of nine. In 1894, Mr. Wardlaw moved to Sonora where he lived for 17 years. He taught school for a time in Sonora, and while living there, he was admitted to the bar and began his law practice. He practiced law in most parts of West Texas before moving to Fort Worth.

Mr. Wardlaw was an unsuccessful candidate for governor in 1928. From 1935 to 1945 he was a member of the board of Texas A&M College.

In 1935, Mr. Wardlaw succeeded Dave Nelson as chairman of the old Texas Livestock Sanitary Commission. The tick eradication program that was undertaken by Mr. Wardlaw's administration was highly successful. In 1948, Mr. Wardlaw resigned his position as chairman of the commission.

Mr. Wardlaw and his brothers owned ranch and oil lands near Del Rio and Uvalde.

Survivors include his wife, three sons, A. L. Wardlaw and Jack Wardlaw, both of Fort Worth, and N. J. Wardlaw of Port Lavaca; two sisters, Mrs. E. E. Dillingham of Dallas and Mrs. Maggie McCamey of Corpus Christi; three brothers, Jack Wardlaw of Sonora, L. B. Wardlaw, Sr. of Del Rio, and Newt Wardlaw of Waco; and nine grandchildren.

JOHN ROBBINS

JOHN ROBBINS, 79, pioneer Kimble County ranchman, died October 30 in Kimble County Hospital in Junction, following a long illness.

Born March 9, 1882, in Frio County, Mr. Robbins moved to Kimble County about fifty years ago. His ranching operations were located near the Teacup Community on the Llano River south of Junction.

Survivors include his wife, one daughter, Mrs. W. L. Overstreet of Nashville, Tennessee; two sons, Allan and Roy Robbins, both of Junction; five grandchildren, and six great-grandchildren.

ERNEST E. MORRIS

ERNEST E. MORRIS, 72, Kerr County native and Hill Country ranchman for many years, died October 29 in Sid Peterson Memorial Hospital in Kerrville, following a long illness.

Born August 15, 1889, in Kerr County, Mr. Morris ranged most of his life in Kerr and Edwards Counties. He was a veteran of World War I.

Survivors include his wife; three sisters, Mrs. W. S. Ward of Mountain Home, Mrs. Jim Carpenter and Mrs. G. D. Burleson, both of Junction; and one brother, Sproul Morris of Mountain Home.

HENRY W. BIERSCHWALE

HENRY W. BIERSCHWALE, 78, Edwards County ranchman and former County Judge, died November 7 in Edwards County Memorial Hospital in Rocksprings, after suffering a heart attack. Mr. Bierschwale was born in Kimble County in 1883. He served as county commissioner and deputy sheriff in Kimble County and two years as county judge at Rocksprings. He was game warden in Edwards County six years. Mr. Bierschwale retired from ranching in 1940. Surviving are his wife; a daughter, Mrs. Willard Kurtz of Maricao, Venezuela; four sons, Charles Bierschwale, Rocksprings; Clarence Bierschwale, Killen; Pat Bierschwale, Leakey; and Roy Bierschwale, Houston; two sisters, Mrs. Will Stockard, Oakland, California, and Mrs. Ethel Hewes of San Antonio; five brothers, Ray and Fred Bierschwale of Harper, Albert Bierschwale of Alpine, Willie Bierschwale of Junction, and Floyd Bierschwale of Segovia; also nine grandchildren.

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JOHN WILL VANCE

JOHN WILL VANCE, 66, well known Coleman County registered Hereford breeder, owner of the Vance Golden Hoof Farms, died at his home November 25 after suffering a heart attack.

Mr. Vance was born in 1894. He had lived in Coleman County since 1904. He was a Texas A&M graduate and veteran of World War I. He was a director of the Texas Sheep and Goat Raisers' Association, a director of the Texas Hereford Breeders' Association, and has served as president of the Coleman County Breeder-Feeder Association. He was chairman of the Central Colorado Soil Conservation District, a member of the Coleman Rodeo Association, and past president of the Santa Anna Wool Co-op.

In 1941 Mr. Vance was named the outstanding farmer in the state and was recognized for soil conservation practices.

Mr. and Mrs. Vance have entertained many foreign diplomats on their Golden Hoof Ranch near Coleman.

Surviving are his wife; one son, Kenneth Vance of Roswell, New Mexico; one brother, Clyde Vance of Amarillo; three sisters, Mrs. W. T. Stewardson and Mrs. Lee Tatum of Santa Anna, and Mrs. C. C. Connor of Fresno, California; also two grandsons.

MRS. FAYETTE TANKERSLEY

MRS. FAYETTE TANKERSLEY, 89, pioneer Irion County ranch woman and a resident of the county for over 73 years, died in mid-November.

Born January 29, 1872 in Tennessee, Annie G. White moved with her parents to the Buffalo Gap area of Texas when she was sixteen years old. She and Fayette Tankersley were married in February, 1892. Mr. Tankersley died in 1937.

Survivors include six daughters, Mrs. Leta Crawford, Mrs. Verna B. Atkinson, and Mrs. Joe Shaw, all of Mertzon; Miss Myra Tankersley of San Angelo, Mrs. Onita Smith of Eldorado, and Mrs. Fay Mason of Colorado Springs, Colorado; three sons, Lake, Claude, and Boyce Tankersley, all of Mertzon; 26 grandchildren; and 19 great-grandchildren.

Evaluation Show

(Continued from page 49)

Carcass shows were not developed to replace live lamb shows but perhaps will influence the type of lamb selected in live lamb shows. The swine industry has made tremendous progress in this respect. There are many people — not just competent swine judges — that can quite accurately estimate fat thickness, loin eye area, yield of lean cuts, length, dressing percentage and thus, the subsequent retail value of market hogs. This did not happen overnight in the swine industry. Neither will it happen in a short time in the sheep industry. However, at the present time, fat thickness on live lambs can be estimated quite closely; size of loin eye and yield of lean cuts are more difficult, but as we handle more lambs, especially those with the optimum amount of finish, we should be able to estimate these fairly close.

The purebred sheep breeders of the state are sponsoring the two carcass shows in Oklahoma with premiums of \$500 per year. This is indicative of the interest sheepmen have in improving their product and making it more competitive.

It is reported that the Abe Mayer, Jr., ranch west of San Angelo, consisting of 3,349 acres, has been sold to Melvin Shook of San Angelo for \$72.50 per acre.

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Big Premium Increase Noted For Fort Worth Show

OVER 1,500 entries are expected in the sheep division of the 1962 edition of the Southwestern Livestock Exposition and Fort Worth Fat Stock Show. The events will take place January 26 through February 4.

Because of the show's growth during the past few years, the 1962 event will have separate sections for breeding sheep and for fat lambs. At the 1961 show, officials recorded 1,496 entries in the two events. The biggest increases in the show were seen in the junior fat lamb show, in which 650 sheep were entered this year — quite an increase over the 395 entries in 1960.

Increased premiums and wider distribution of prize money will offer greater incentive than ever to sheep exhibitors at the Fort Worth Show. Total premiums will come to \$7,775. Sheepmen will vie for \$6,627 in open competition, while junior sheep exhibitors will shoot for a part of the \$1,148 premium money in the junior livestock show. Distribution of prize money will go through 20th place in all single classes in the open class for wether lambs.

Sheep Show Judges

Judges for the 1962 Fort Worth Show sheep competition will include three outstanding men in agriculture. Louis Bridges, vocational agriculture teacher at Eden, will judge finewool entries. Roy B. Warrick of Beau Geste Farms, Oskaloosa, Iowa, will judge medium wool sheep, and James A. Gray, Extension Service Animal Husbandman of San Angelo, will be the judge for the lamb events.

Superintendents for the 1962 show will include Johnnie Vestal of Fort Worth, superintendent of breed sheep, and J. B. Payne of Stephenville, assistant superintendent and supervisor for the fat lamb classes. W. A. King is stock show assistant manager and livestock superintendent.

The deadline date for entries in the sheep events is December 20.

The judging of Corriedale, Shropshire, and Dorset breeding sheep will be held January 27 at 8:00 a.m. in the Sheep Arena. Hampshire, Cheviot, and Montadale sheep will be judged at 8:00 a.m., January 28. Southdowns will be exhibited on January 29 at 8:00 a.m. Suffolks will

be judged the same day at 1:00 p.m. Judging for Rambouillet and Delaine-Merino sheep will be January 30 at 8:00 a.m.

The junior lamb show entries must all be in place by 8:00 a.m., February 1. Sale of such lambs will be held February 4 at 9:00 a.m. The sale should prove a good one. Last year, 254 lambs sold brought \$9,287, about twice the going market price on the average.

Breeders of purebred sheep will be honored at a dinner and meeting on January 29 by the Fort Worth Stock Show, which has named the day, Purebred Sheep Breeders' Day.

For a copy of the 1962 premium catalog for the Southwestern Exposition, write to: The Fort Worth Stock Show, P. O. Box 150, Fort Worth, Texas.

Al Dishman, Sales Manager for the Producers Wool and Mohair Company of Uvalde, will judge the wool at the San Antonio Livestock Exposition, February 9, 1962. Dishman, who has been active in the wool business over 20 years, has been associated with the Producers Wool and Mohair Company over a year. Before going to Uvalde he was a wool buyer for Emery, Russell and Goodrich of Boston.

Eighteen voluntary solicitors for the Tom Green County screw worm control fund will call on livestock owners in their areas, soliciting donations for the Southwest Animal Health Research Foundation. They are Glyn Hill, a vocational agriculture teacher at Wall, whose FFA chapter will work as a team in the Wall-Fairview area; Rushing Sheffield, Jim Webster, Gene Jones, Frank Johnson, Tip Van Court, Frank Jarrett, Johnnie Johnston, Nelson Roach, Dr. Percy Turner, Carl Lane, Fred Jameson, Lee Parks, Monroe Arrott, Wayne Munn, Frank Smith, Milton Rathbone, Bill Pfluger. In order to save time and travel of these unpaid volunteer workers, ranchmen and stock farmers may mail their contributions to Tom Green County Animal Health Committee, care of Bill McManus, San Angelo National Bank.

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NEW ANTHELMINTIC TO TEXAS

SHEEP AND goat raisers of Texas will be the first to use the new "broad spectrum" drench, Thibenzole, discovered by scientists at Merck, Sharp & Dohme Laboratories. The first supply of the limited first year's production of the drench is being sent air express to San Angelo on December 4. It is consigned to V. A. Snell and Company warehouses in San Angelo and San Antonio.

Dr. Edgar Marookian, a veterinarian for Merck, Sharp & Dohme, will arrive with the shipment of Thibenzole. He will address a gathering of sheep and goat raisers, explaining the development, use, and position of the new drench in the Texas sheep and goat industry.

Thibenzole was first tested in large-scale clinical trials in Texas, Australia, and New Zealand. It has created widespread interest among sheep and goat raisers in many parts of the world.

Thibenzole, the first major development in drench for sheep and goats in over 25 years, is non-toxic, and it will not stain wool or mohair. Given in single oral doses, the new drench reduces worm infestations by 92 to 99 percent in sheep and goats, according to tests. It is expected to be released soon for use in cattle, horses, hogs, and poultry.

Thibenzole is said to be ten times more potent than phenothiazine, the most commonly used anthelmintic in the past quarter century.

PHILLIPS PURCHASES CHEMICAL FIRMS

PHILLIPS ELECTRONICS and Pharmaceutical Industries Corporation, controlled by Consolidated Electronics Industries Corporation, announced acquisition of five chemical firms with annual sales of more than 40 million dollars.

Included were Agricultural Chemicals, Inc., of Llano, Texas; OK-Tex Chemicals, Inc., of Lubbock, Texas; and De Pester Western Chemicals, Inc., of Fresno, California, all suppliers and manufacturers of farm and plant health chemicals.

Also acquired was Specifide, Inc., of Indianapolis, a supplier and manufacturer of feed chemical and animal health products, and Thompson-Hayward Chemical Company of Kansas City, a general chemical supplier and manufacturer owned by the parent firm, Consolidated Electronics Industries.

Thompson - Hayward Chemical Company is serviced in this area by its branch office and warehouse at 222 Seguin Street, San Antonio, Texas.

James C. Sawyer, Burnet County Agent, recently suffered a heart attack. He is recuperating in the Burnet Hospital, where he will be for six weeks to two months, according to a recent report.

Albert Field of Lampasas purchased 150,000 pounds of straight grown mohair from Sam Rahl & Co., Goldthwaite warehouse, the latter part of November. The purchase price was said to be 80 cents a pound. The purchase was made for Collins and Rowbotham of Boston.

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The Cattle Situation

By ELMER KELTON



WEST TEXAS had much less cattle activity in November, but it was not because of any lack of demand. It was just that the fall shipping season was over. Order buyers and commission men finished receiving the last of their calf contracts and turned their attention to football or deer hunting. Or, if they thought they had a chance to find any, they scoured the country for any late calves that might somehow have escaped being bought before.

San Angelo's fifth and final feeder calf sale of the season was another big success. It moved 2,231 head for average of \$188. These feeder sales turned out to be a surprise to most people concerned. The five — there originally were supposed to have been only four — sold total of 11,164 head. They were nearly equally split between Herefords and Angus, the Angus having an edge of about 400 head. Through the entire season the Herefords averaged \$121 per head, the Angus \$123. Total money: \$1,359,756.

That the final sale's per-head average was down a little was a reflection of lighter weights. Prices were as high as they had been all season.

It's a safe bet there will be even more of these sales in 1962 than there were this year.

Country sales—and they were getting to be few and far between—were mostly around 27 or 28 cents a pound for good steer calves. Here and there ranchmen were moving a few of their "shorts" that they had held back from earlier deliveries because of light weights. Occasionally if light enough, the steer calves would bring as much as 29 or 30 cents.

Also "higher than a tree" when any could be found for sale were the good breeding cows. Most ranchmen still continued to guard these and wouldn't part with them at any reasonable price. Several West Texas auction firms sponsored special cow sales. For the most part, the runs at these sales were made up of aged cows. As one trader put it: "Heifers with their last calves."

A few heifers or young cows showed up at most of the sales, though, and they always brought a strong price.

Typical was a San Angelo Angus female sale with 909 head. In general, good bred heifers sold at \$200 to \$250 per head, young cows \$200 to \$225 and aged cows \$150 to \$200. Highest price was \$287 per head given for 17 head of 4- to 8-year-old cows, 14 of them with baby calves at side and the other three due to calve right away. Ninety-nine heavy springer heifers from one herd drew from \$240.50 to \$257.50 per head. Twenty-two bred cows from Sonora brought \$232.

At the special calf sales, good heifer

calves continued to bring strong prices — 30 cents and better—from stockmen who wanted to keep them for breeding purposes. In a Marfa Hereford sale, 150 commercial heifer calves averaged \$135 per head. Many of these had been pulled away from their mothers the day before the sale. The champion group of 10 brought \$150, the reserve champion 10 brought \$175 and another set \$167.50.

Bull sale season is just getting underway, but it appears from early ones that bulls are going to cost more this season than before. Auctions in general seem to be running \$75 to \$100 per head higher than last year. Private treaty bull sales also are strong. Though most breeders still have a good supply of bulls on hand, a few already are sold down to their calves. Some breeders say ranchmen have started inquiries earlier than usual, evidently sensing that the supply may get tight.

Ronnie Blackwell, field representative of the American Angus Association in Fort Worth, said, "We're not going to have enough breeding-age bulls to go around."

Johnny Jones of Brady, field man for the American Hereford Association, said the situation looks the same in that breed.

The Highland Hereford Sale in Marfa drew an average of \$541 for 60 bulls, a goodly percentage of them still a little shy of usable age. Top price was \$1,750 for a Roý Largent & Sons bull to Roy Parks of Midland. A Joe Lane bull from Alpine brought \$1,200 from Bill Sohl of Alpine.

The Fair Oaks Ranch sale at Boerne averaged \$1,107 for 73 bulls, with top price \$4,550, a second bull \$4,350.

In Fredericksburg's annual Hill Country Angus sale, 54 bulls averaged \$478 and 18 females \$366. Top bull price was \$1,100. Another bull brought \$1,000.

A big rash of bull sales is set for West Texas during December. The Moore Bros. and Herman Allen Angus bull sale in San Angelo will be December 18. Hereford sales include Abilene, December 4; Big Spring, December 9, and Sweetwater, December 16. Concho Hereford Sale in San Angelo will be January 11. Also in January are the Mitchell County sale in Colorado City, January 5, and Odessa sale, January 6.

A typical San Angelo market report: Killing bulls, \$16.75 to \$18.75; stocker bulls, \$21 to \$24.50; fat cows, \$14 to \$16.50; canners and cutters, \$9 to \$14; stocker cows, \$14 to \$18.50; fat calves and yearlings, \$22 to \$24.50; best stocker steer calves, \$25 to \$29; best stocker heifer calves, \$23 to \$26; heavy feeder steers, \$19 to \$23; heavy feeder heifers, \$18 to \$21.50; plain stocker

calves, \$21 to \$23.50; cows and calves, \$165 to \$230 per pair.

Some country sales:

Owen Bros. of San Saba sold 600 Hereford heifers, coming-2-year-olds, to Spade Ranch of Colorado City for \$175 per head. These were originally the ORO heifers from Arizona.

Carroll Farmer Co. bought 275 Hereford and Angus steer yearlings from P. A. Brooks of Midland for 22½ cents a pound, plus a load of crossbreds at 20; two loads of Hereford steer yearlings from Buck Jackson of Pecos for 23 cents; 150 Hereford steer yearlings from Clark Bros. of Crane for 23 cents; 54 Angus aged cows from Joe Tom Davidson of Ozona for \$150 per head.

Frank Weed, Jr., of Utopia has put about 450 light East Texas and Louisiana calves on pasture below Brackettville at average cost of about 25 cents a pound, laid down.

Lamb prices remained fully steady during November, even showing a little extra strength late in the month. But it didn't mean a lot to the average ranchman because most of the lambs were gone anyway. Some scattered clipped lambs were still available, but none of these in big numbers.

Breeding ewes were stronger than they had been earlier, but they were still not selling very high. Many sheepmen who normally would have sold off some of their older ewes in the fall kept them because the price was not inviting, and they thought they had just as well get another lamb out of them. Over most of West Texas

the range feed situation is the best it has been in many years.

A typical auction market report:

Midwest Feed Yards bought 1,200 lambs from Ford Oglesby, Jr., of Eldorado; 1,200 from J. W. Arledge, Jr., Estate at Blackwell; 700 summer-shorn lambs from Copeland Bros. of Sterling City; a load of clipped lambs from Chat Reynolds of Sterling City;

1,800 summer-shorn lambs from Walker Epperson of Rocksprings. Prices were generally 13 to 13½ cents for wool lambs, 12 cents for clipped lambs.

W. H. Martin of San Angelo bought 1,700 clipped lambs in the San Angelo area for 11¼ to 12½ cents a pound, weighing in the 80's.

Leroy Russell and Buster Trotter

OUT OUR WAY

BY J. R. WILLIAMS



NEW "WOOL-LITE"

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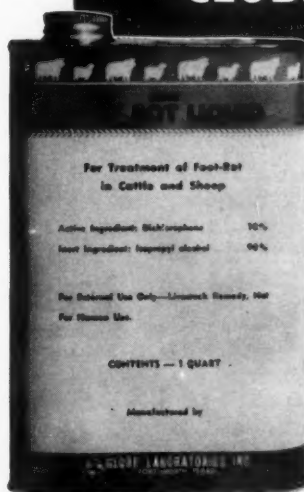
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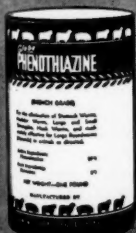
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A Christmas Treat

Pecan Pies Add Laurels to the Fame of Gourmet Cooks

PECANS HAVE provided generations of Americans with wonderfully good feasting since the Spanish explorers found the American Indians enjoying them back in the 16th century. Xavier Charlevoix, French mis-

sionary who journeyed down the Mississippi to New Orleans, wrote in the log of his journey, "Among the fruits that are peculiar to this country, the most remarkable are the pecans."

Authentic reports of brother officers show that General Washington was fond of pecans and often had them in his pockets. Under the date of 1794 his diary records the planting of pecan trees about his home at Mount Vernon. During this period, Thomas Jefferson was also greatly interested in "peccans" as they were sometimes called.

The popularity of pecans as a gourmet treat increased as they became better known across the country. They became that mysterious ingredient as adventuresome cooks began adding them to their prize recipes for that indescribable extra good flavor that drew lavish compliments from family and guests.

Since colonial days pecan pies have been the epitome of luxurious desserts. Good cooks have dreamed up their own private versions of this palate pleasing confection and today many families jealously guard their pet recipe. Here are several which are guaranteed to have the most diet-conscious guest picking up his dessert



fork with alacrity. The next time you want to demonstrate your ability as a gourmet cook try one of these!

PECAN PIE

1/4 cup butter
1 cup sugar
1 tbsp. flour
1 1/4 cups white corn syrup

1/8 tsp. salt
4 eggs
1 cup broken pecans
1 tsp. vanilla
1 unbaked pastry shell

Cream butter. Add sugar and flour gradually and cream until fluffy. Add syrup. Beat well. Add salt and eggs, one at a time. Beat thoroughly. Add broken pecans and vanilla. Pour into unbaked pastry shell. Bake at 450° for 10 minutes, lower heat to 350° and bake for 50 minutes or until set.

Yield: One 9-inch pie.

MOCHA PECAN CHIFFON PIE

1 envelope unflavored gelatine
1/4 cup cold water
3 tablespoons cocoa
3/4 cup sugar
3/4 cup water
2 teaspoons instant coffee powder
3 eggs, separated
1 teaspoon vanilla extract

1/2 teaspoon imitation rum extract
1/4 teaspoon salt
1/4 cup sugar
3/4 cup finely chopped pecans
1 baked 9-inch pie shell
Pecan halves
Whipping cream

Soften gelatine in cold water. Combine in heavy saucepan the cocoa, 3/4 cup sugar, water, and instant coffee powder; stir to dissolve sugar. Bring to boil, and let cook gently for 4 to 5 minutes, stirring constantly. Beat egg yolks slightly. Pour hot mixture on top slowly, stirring constantly. Return to saucepan. Stir over heat until mixture thickens. Remove from heat. Add gelatine, vanilla and rum extracts; stir until gelatine dissolves. Chill until mixture mounds slightly when dropped from a spoon. Beat egg whites and salt until foamy. Beat in 1/4 cup sugar by single teaspoonfuls, beating constantly; beat until whites stand in stiff peaks. Fold with pecans into gelatine mixture. Turn into baked pie shell. Chill until set. Garnish with pecan halves and whipped cream.

Yield: One 9-inch pie.

PECAN SOUR CREAM PIE

1 cup broken pecans
2 teaspoons flour
1/4 teaspoon cinnamon
1/4 teaspoon cloves

1 cup sour cream
2 eggs
1 cup sugar
1/2 teaspoon grated lemon rind

Line a pie plate with pastry and sprinkle it with pecans. Make custard by mixing flour, cinnamon, cloves and a little sour cream, gradually adding balance of sour cream. Stir in eggs—well beaten, sugar and lemon rind. Pour mixture into pie shell and place in hot oven (450° F.), lowering temperature control immediately to 325° F. Bake until filling is firm, about 40 minutes. Serve either warm or cold, with whipped cream.

Yield: One 9-inch pie.

HONEY PECAN PIE

3 eggs
1/3 cup granulated sugar
1/3 cup light brown sugar
1/4 teaspoon salt

1/4 cup butter, melted
1/2 cup honey
1/2 cup white corn syrup
1 teaspoon vanilla
1 cup pecan halves

Beat eggs. Mix in all other ingredients except pecan halves and pour into pastry-lined 9-inch pie pan. Arrange pecan halves on filling in desired pattern. Bake 40 to 50 minutes at 375° F. until set and pastry is golden brown. Cool. Serve cold or slightly warm.

Yield: One 9-inch pie.

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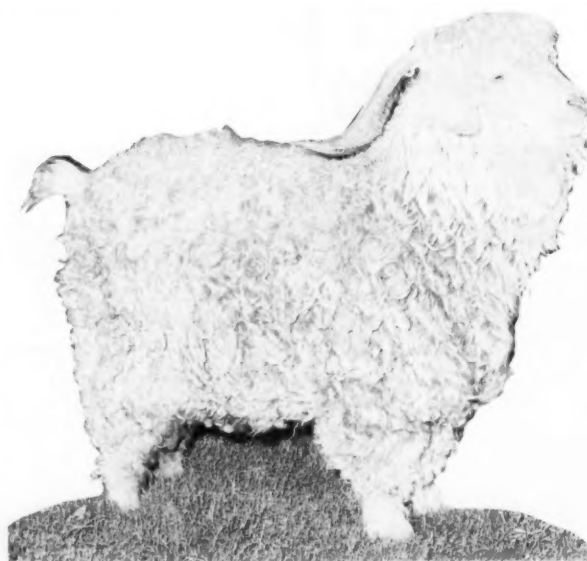
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Yes, Slim Has Learned About the Many Advantages of "SAN-TEX" Protein Blocks Over Ordinary Feeding Methods . . .

- Eliminates as much as 90% of the work and time required in feeding.
- Saves as much as 90% of the expense of feeding, hired labor, gas, oil, tires, repair and upkeep on feeding vehicles.
- No special feeders needed — feed on the ground — without waste.
- A minimum of storage space is required — storing more feed in less space means fewer trips to the feed store.
- Easier to handle — 40-lb. blocks are much easier and safer to handle than the old 100-lb. sacks of feed.
- Increases reproduction, due to a better balance of amino acids, vitamins and minerals.
- Reduces disease incidence, because of antibiotic content.
- Stabilizes breeding dates.
- More, healthier, heavier offspring, due to better nutrition.
- Better distributes grazing — dump blocks where you want the animals to graze.
- Better utilization of grass and other roughage means more pounds of profit per acre of grass.
- Stops animals from leaving offspring to chase feed wagon and other vehicles.
- Timid animals get their share — other animals eat and leave.
- Economical — Self-rationing, weather-proof block, limits feed consumption while furnishing enough nutritionally to balance what food-value is furnished by the grass and other roughage. The more food-value in the grass, the less of the protein block will be eaten.

Phone or write for **COMPETITIVE** prices on **BETTER** protein blocks!

San-Tex Feed & Mineral Co., Inc.

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Phone 655-7600
655-9697

Warehouse: 1015-1021 Pulliam Street
P. O. Box 1333

San Angelo, Texas

SAN-TEX

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